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Chemical Use Standard Encoding System (ChemUSES). Volume III. Application List and Application List Index

SRI International
Menlo Park, CA

Prepared for

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The Chemical Use Standard Encoding System (ChemUSES) provides a standard format and nomenclature for use in collecting and exchanging information about chemical uses. ChemUSES is a system for describing a chemical use by the function the chemical serves and the setting or application in which it serves that function. ChemUSES is composed of two lists of terms: The Function List and the Application List. Terms from these lists are selected to describe functions and applications. A use is defined when both the function and application are specified. ~~(ChemUSES also includes user instructions and user aids.)~~ This volume contains the ~~Applications~~ Application List and the Application List Index.

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Volume 3
Application List and Application List Index

DRAFT

CHEMICAL USE STANDARD ENCODING SYSTEM (ChemUSES)

Volume III — Application List and Application List Index

Final Report

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I APPLICATION LIST

01.01-2	Crops
01.01.01-3	Grains
01.01.01.01-4	Wheat
01.01.01.02-5	Rice
01.01.01.03-6	Corn
01.01.01.04-7	Grains n.e.c. (e.g., rye, oats, barley, sorghum)
01.01.02-4	Pulses
01.01.02.01-5	Soybeans
01.01.02.02-6	Peanuts
01.01.02.03-7	Beans (except soybeans)
01.01.02.04-8	Peas
01.01.02.05-9	Pulses n.e.c.
01.01.03-5	Sugar crops
01.01.03.01-6	Sugar beets
01.01.03.02-7	Sugar cane
01.01.04-6	Roots and tubers
01.01.04.01-7	Potatoes
01.01.04.02-8	Sweet potatoes
01.01.04.03-9	Carrots
01.01.04.04-0	Roots and tubers n.e.c.
01.01.05-7	Vegetables (except pulses, roots, and tubers)
01.01.05.01-8	Lettuce
01.01.05.02-9	Cabbage
01.01.05.03-0	Tomatoes
01.01.05.04-1	Sweet corn
01.01.05.05-2	Vegetables n.e.c.
01.01.06-8	Melons (e.g., canteloupe, watermelon)
01.01.07-9	Fruits
01.01.07.01-0	Berry crops (e.g., strawberries, raspberries, currants)
01.01.07.02-1	Grapes
01.01.07.03-2	Citrus fruits (e.g., oranges, grapefruit, lemons, limes)
01.01.07.04-3	Deciduous tree fruits (e.g., apples, plums, peaches, pears)
01.01.07.05-4	Fruits n.e.c. (e.g., dates, olives, avocados)
01.01.08-0	Nuts (from trees; e.g., walnuts, pecans; excludes peanuts)
01.01.09-1	Fiber crops
01.01.09.01-2	Cotton
01.01.09.02-3	Fiber crops n.e.c. (e.g., flax)
01.01.10-2	Tobacco
01.01.11-3	Hay, silage, and forage (vegetable matter, fresh or preserved, that is gathered and fed to animals as roughage)
01.01.12-4	Horticultural specialties
01.01.12.01-5	Ornamental nursery products
01.01.12.02-6	Horticultural specialties n.e.c. (e.g., mushrooms and herbs)

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01.02-3	Livestock production, dairy farming, and related products
01.02.01-4	Livestock production and products (except poultry and specialties)
01.02.01.01-5	Beef cattle (includes raising cattle and feed lot operations)
01.02.01.02-6	Hogs
01.02.01.03-7	Sheep and goats (for meat and milk)
01.02.01.04-8	Wool (sheep wool and mohair)
01.02.01.05-9	Livestock products n.e.c.
01.02.02-5	Dairy farming (milk)
01.02.03-6	Poultry and eggs
01.02.03.01-7	Chickens
01.02.03.02-8	Turkeys
01.02.03.03-9	Chicken eggs
01.02.03.04-0	Poultry specialties (e.g., geese, ducks, pheasants)
01.02.04-7	Animal specialty production and related products
01.02.04.01-8	Furbearing animals (e.g., fox, mink) and raw furs
01.02.04.02-9	Horses
01.02.04.03-0	Animal specialties n.e.c. (e.g., dogs, canaries, laboratory rats, bees and honey)
01.03-4	Animal services
01.03.01-5	Veterinary services (e.g., practice of veterinary medicine, animal hospitals)
01.03.02-6	Livestock services
01.03.03-7	Animal specialty services (e.g., artificial insemination, testing dairy cows, pet care except veterinary services)
01.04-5	Forestry (excludes logging, which is classified in 24.0)
01.04.01-6	Forest nurseries (growing trees for reforestation)
01.04.02-7	Gathering of forest products (e.g., tree seed, gums, bark)
01.04.03-8	Forestry services
01.04.03.01-9	Firefighting and prevention
01.04.03.02-0	Forest pest control
01.04.03.03-1	Reforestation
01.04.03.04-2	Forestry services n.e.c.
01.05-6	Horticultural services
01.05.01-7	Lawn and garden services (includes general landscaping)
01.05.02-8	Ornamental shrub and tree service
01.06-7	Fishing, hunting, and trapping
01.06.01-8	Fishing
01.06.01.01-9	Finfish (e.g., cod, salmon)
01.06.01.02-0	Shellfish (e.g., lobsters, oysters)
01.06.01.03-1	Marine products n.e.c. (e.g., seaweed, turtles)
01.06.02-9	Fish hatcheries, fish farms, preserves, and other aquaculture
01.06.03-0	Hunting, trapping, and game management

10-0 MINING (Includes exploring for minerals, extracting them from the ground, and preparing them for market. Minerals include: solids such as coal, metallic ore and stone; liquids, excluding water, such as petroleum; and gases such as natural gas. Specify an activity from 10.07 Mining and related activities, and a product from the categories: 10.01 Metallic ores; 10.02 Coal, lignite, and other solid fuels; 10.03 Oil and gas; 10.04 Nonmetallic minerals; or 10.05 Construction minerals).

10.01-1 Metallic ores (includes mining, milling, beneficiating, and otherwise preparing metallic ores; should be preceded by one or more activities listed under 10.07).

10.01.01-2 Ferrous ores
10.01.01.01-3 Iron ore
10.01.01.02-4 Manganese ore
10.01.01.03-5 Nickel ore
10.01.01.04-6 Tungsten ore
10.01.01.05-7 Chromium ore
10.01.01.06-8 Columbium ore
10.01.01.07-9 Molybdenum ore
10.01.01.08-0 Vanadium ore
10.01.01.09-1 Ferrous ores n.e.c.
10.01.02-3 Copper ore
10.01.03-4 Lead ore
10.01.04-5 Zinc ore
10.01.05-6 Gold ore
10.01.06-7 Silver ore
10.01.07-8 Bauxite and other aluminum ore
10.01.08-9 Platinum ore
10.01.09-0 Mercury ore
10.01.10-1 Titanium ore
10.01.11-2 Radioactive ores
10.01.11.01-3 Uranium ore
10.01.11.02-4 Thorium ore
10.01.11.03-5 Radioactive ores n.e.c.
10.01.12-3 Rare earth ores
10.01.13-4 Metallic ores n.e.c.

10.02-2 Coal, lignite, and other solid fuels (includes underground and strip mining ores, and preparation such as breaking, cleaning, and screening; should be preceded by one or more activities listed under 10.07).

10.02.01-3 Anthracite
10.02.02-4 Bituminous and subbituminous coal
10.02.03-5 Lignite
10.02.04-6 Peat
10.02.05-7 Solid fuels n.e.c. (includes oil shale and tar sands)

10.03-3	Oil and gas (should be preceded by one or more activities listed under 10.07).
10.03.01-4	Crude petroleum
10.03.02-5	Natural gas
10.03.03-6	Natural gas liquids (liquid hydrocarbons produced from oil and gas field gases)
10.03.04-7	Gas products n.e.c. (e.g., byproducts of gas treating such as ethane and propane)
10.04-4	Nonmetallic minerals (except fuels 10.02 and 10.03, and and construction minerals 10.05; should be preceded by one or more activities listed under 10.07)
10.04.01-5	Graphite
10.04.02-6	Asbestos
10.04.02.01-7	Chrysotile asbestos
10.04.02.02-8	Crocidolite asbestos
10.04.02.03-9	Amosite asbestos (Cummington-Grunerite)
10.04.02.04-0	Asbestos n.e.c. (includes tremolite asbestos, anthophyllite asbestos and actinolite asbestos)
10.04.03-7	Barite
10.04.04-8	Borate
10.04.05-9	Clay minerals
10.04.05.01-0	Bentonite (includes fuller's earth, attapulgite, and sepiolite)
10.04.05.02-1	Kaolin (includes ball clay)
10.04.05.03-2	Clay minerals n.e.c.
10.04.06-0	Diatomite
10.04.07-1	Feldspar (includes aplite)
10.04.08-2	Fluorspar and cryolite
10.04.09-3	Gypsum and anhydrite
10.04.10-4	Mica
10.04.11-5	Rock salt
10.04.12-6	Soda ash (includes natrol, nahcolite, trona, clawsonite, and similar sodium carbonate minerals)
10.04.13-7	Talc (includes pyropnyllite)
10.04.14-8	Fertilizer minerals
10.04.14.01-9	Phosphate rock
10.04.14.02-0	Potash
10.04.14.03-1	Sulfur
10.04.15-9	Nonmetallic minerals n.e.c. (includes mining of glauconite, kyanite, magnesite, meerschaum, nepheline, syonite, olivine, perlite, staurolite, glauber's salt, tripoli, vermiculite, and wollastonite)

10.05-5 Construction minerals (includes the mining and preparation of marble, limestone, gravel, and other construction minerals; should be preceded by one or more activities listed under 10.07).

10.05.01-6 Marble (includes quarrying of dimensional products as rough blocks and slabs, as well as crushed and screened marble)

10.05.02-7 Limestone (includes dimensional, crushed and screened products)

10.05.03-8 Dolomite (includes dimensional, crushed, and screened products)

10.05.04-9 Granite (includes dimensional, crushed, and screened products)

10.05.05-0 Traprock (includes quarrying of basalt, gabbro, and diabase)

10.05.06-1 Sandstone, slate, and quartzite (includes dimensional and sized products)

10.05.07-2 Gravel (includes the production of sized, crushed, and screened gravels)

10.05.08-3 Sand and silica

10.05.09-4 Lightweight aggregate (includes the mining and preparation of natural rock materials, such as pumice or volcanic cinders, as well as slags and synthetic cinders)

10.05.10-5 Construction minerals n.e.c.

10.06-6 Geothermal fluids (drilling and equipping wells; geothermal power generation is in 40.03.01).

10.07-7 Mining and related activities (should be followed by a product from 10.01, 10.02, 10.03, 10.04, or 10.05)

10.07.01-8 Mineral exploration (includes geological exploration, and the general search for mineral deposits, and their extension in known producing operations)

10.07.01.01-9 Geological exploration (includes field reconnaissance activities, either on site or through remote instrumentation)

10.07.01.02-0 Geochemical exploration (includes the search for mineral concentration anomalies, based on the relative abundance of chemical elements)

10.07.01.03-1 Geophysical exploration (includes the physical methods used to gain information on subsurface mineral anomalies)

10.07.01.04-2 Exploration n.e.c.

10.07.02-9 Mine production (includes the common activities of ore extraction from open-pit and underground operations, such as the use of explosives, ore haulage, etc.)

10.07.02.01-0 Open-pit mining

10.07.02.02-1 Underground mining

10.07.02.03-2 Ore dredging

10.07.02.04-3 Hydraulic mining

10.07.02.05-4 In-situ mining

10.07.02.06-5 Quarrying

10.07.03-0 Well production (production of oil and gas from wells; including completing and equipping the well, and the installation of offshore platforms)

10.07.03.01-1 Production well drilling

10.07.03.02-2 Production well operation (actual extraction of oil and gas)

10.07.03.02.01-3 Primary recovery (production of oil and gas via natural reservoir pressure)

10.07.03.02.02-4 Secondary recovery (injection of water into partially depleted oil wells to maintain reservoir pressure)

10.07.03.02.03-5 Tertiary recovery (advanced recovery methods such as steam injection, in-situ combustion, carbon dioxide injection, and micellar methods)

10.07.03.03-3 Unconventional recovery of oil and gas (e.g., extraction of gas from tight formations or geopressured brines)

10.07.03.04-4 Treatment of oil and gas products (e.g., separating, emulsion breaking, desilting; excludes refining, see 29.01)

10.07.04-1 Ore beneficiation

10.07.04.01-2 Ore comminution (includes ore crushing and grinding)

10.07.04.02-3 Ore sizing

10.07.04.02.01-4 Ore screening

10.07.04.02.02-5 Hydraulic classification (includes use of cyclones, trommels, spiral classifiers, and miscellaneous sedimentation tanks)

10.07.04.02.03-6 Air classification (includes use of elutriators, air cyclones, and similar air classifiers)

10.07.04.03-4 Physical ore concentration

10.07.04.03.01-5 Jigging (cleaning ore by agitating in water)

10.07.04.03.02-6 Sluicing

10.07.04.03.03-7 Heavy media concentration

10.07.04.03.04-8 Spiral concentration

10.07.04.03.05-9 Tabling

10.07.04.03.06-0 Cycloning

10.07.04.03.07-1 Electrostatic concentration

10.07.04.03.08-2 Magnetic concentration

10.07.04.03.09-3 Sulfide flotation

10.07.04.03.10-4 Oxide flotation

10.07.04.03.11-5 Salt flotation
10.07.04.03.12-6 Native metal flotation
10.07.04.03.13-7 Silicate flotation
10.07.04.03.14-8 Physical concentration n.e.c. (includes flocculation)
10.07.04.04-5 Concentrate dewatering
10.07.04.04.01-6 Concentrate filtration
10.07.04.04.02-7 Thickening
10.07.04.04.03-8 Thermal drying
10.07.05-2 Hydrometallurgical extraction (the treatment of ores by wet processes)
10.07.05.01-3 Ore leaching (includes cyanidation, ammonia leaching, acid leaching, and use of other leachants)
10.07.05.02-4 Solvent extraction (exposing ore to a solvent in which the component to be extracted is soluble)
10.07.05.03-5 Ion exchange extraction (removal of metal ions from solution by means of an ion exchange resin or liquid)
10.07.05.04-6 Electrowinning (extracting a metal from a solution of its soluble salt by an electrolytic cell)

15-5 CONSTRUCTION (Specify an activity from 15.03 Special contruction activities, and, if appropriate, a product from 15.01 Building construction or 15.02 Construction other than buildings)

15.01-6 Building construction (should be preceded by an activity from 15.03 when appropriate)

15.01.01-7 Residential buildings

15.01.01.01-8 Single-family dwellings

15.01.01.02-9 Multi-family dwellings

15.01.01.03-0 Residential buildings n.e.c. (e.g., dormitories, hotels)

15.01.02-8 Industrial and utility buildings, plants and warehouses (e.g., factories, petroleum refineries, power plants)

15.01.03-9 Office buildings

15.01.04-0 Stores and other mercantile buildings

15.01.05-1 Hospitals, religious and educational buildings

15.01.06-2 Nonresidential buildings n.e.c.

15.02-7 Construction other than buildings

15.02.01-8 Highways and streets

15.02.02-9 Bridges and tunnels

15.02.03-0 Pipelines

15.02.03.01-1 Water pipelines

15.02.03.02-2 Sewer pipelines

15.02.03.03-3 Oil and gas pipelines

15.02.03.04-4 Pipelines n.e.c.

15.02.04-1 Communication lines and power lines

15.02.05-2 Marine construction (e.g., dams, dredging, docks)

15.02.06-3 Non-building construction n.e.c.

15.03-8 Special construction activities (should be followed by a product from 15.01 or 15.02 where appropriate; when these activities are conducted as maintenance rather than construction, use 80.02.02)

15.03.01-9 Plumbing, heating, and air conditioning

15.03.02-0 Painting, paperhanging, and decorating

15.03.03-1 Electrical work

15.03.04-2 Masonry and other stonework

15.03.05-3 Plastering, dry wall, and acoustical work

15.03.06-4 Terrazo, ceramic tile, marble, and mosaic installation

15.03.07-5 Insulation

15.03.08-6 Carpentry

15.03.09-7 Flooring (installation of hardwood flooring, resilient tile flooring, and carpeting)

15.03.10-8 Roofing

15.03.11-9 Sheet metal work

15.03.12-0 Glass and glazing work

15.03.13-1 Structural steel erection

15.03.14-2 Concrete work

15.03.15-3 Excavation, tunneling, and earth moving

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15.03.16-4	Water well drilling
15.03.17-5	Special construction activities n.e.c.

20-0 FOOD AND KINDRED PRODUCTS

20.01-1 Food products
20.01.01-2 Food and beverages for human consumption
20.01.02-3 Animal food and feed

20.02-2 Food additives
20.02.01-3 Direct food additives (non-food substances added to foods)
20.02.02-4 Secondary direct food additives (substances used in processing, preparing, or treating foods that may enter the foods)
20.02.03-5 Indirect food additives (substances used in articles that contact food (e.g., in food packaging; excludes the food packaging itself which is listed under the materials from which the packaging is constructed, i.e., under 24.05.xx Wood containers, 26.xx Paper, 30.02.xx Plastics, 32.01.xx Glass, and 34.01.xx Metal cans)

20.03-3 Non-food-and-drug fat and oil products (not used in pharmaceutical, medicinal, or food applications; excludes tall oil, see 26.01.11.02)
20.03.01-4 Animal fats and oils
20.03.01.01-5 Inedible tallow
20.03.01.02-6 Animal fats and oils n.e.c.
20.03.02-5 Marine oils
20.03.02.01-6 Sperm oil
20.03.02.02-7 Fish oil
20.03.03-6 Vegetable oils (excludes tall oil, see 26.02.11.02)
20.03.03.01-7 Soybean oil
20.03.03.02-8 Linseed oil
20.03.03.03-9 Cottonseed oil
20.03.03.04-0 Coconut oil
20.03.03.05-1 Vegetable oils n.e.c.

21-1 TOBACCO PRODUCTS

22-2 TEXTILES AND TEXTILE FINISHING (Includes yarn produced from fiber, fabrics produced from yarn, and nonfabricated textile products, but excludes apparel and other fabricated textile products; specify an activity from 22.03 Textile finishing and coating, and, if appropriate, a product from 22.01 Yarn and fabrics)

22.01-3 Yarn and fabrics (should be preceded by an activity from 22.03 when appropriate)

22.01.01-4 Cotton yarn and fabrics
22.01.01.01-5 Cotton yarn (use only when fabric is unknown)
22.01.01.02-6 Cotton woven fabrics
22.01.01.03-7 Cotton knit fabrics
22.01.01.04-8 Cotton nonwoven farbics (includes felt)
22.01.01.05-9 Cotton industrial fabrics
22.01.01.05.01-0 Tire cord and fabric
22.01.01.05.02-1 Cotton industrial fabrics n.e.c.
22.01.02-5 Wool yarn and fabrics
22.01.02.01-6 Wool yarn (use only when fabric is unknown)
22.01.02.02-7 Wool woven fabrics
22.01.02.03-8 Wool knit fabrics
22.01.02.04-9 Wool nonwoven fabrics (includes felt)
22.01.02.05-0 Wool industrial fabrics
22.01.03-6 Natural fiber yarn and fabrics n.e.c.
22.01.03.01-7 Natural fiber yarn (use only when fabric is unknown)
22.01.03.02-8 Natural fiber woven fabrics
22.01.03.03-9 Natural fiber knit fabrics
22.01.03.04-0 Natural fiber nonwoven fabrics
22.01.03.05-1 Natural fiber industrial fabrics
22.01.04-7 Man-made fiber yarn and fabrics
22.01.04.01-8 Man-made fiber yarn (use only when fabric is unknown)
22.01.04.02-9 Man-made fiber woven fabrics
22.01.04.03-0 Man-made fiber knit fabrics
22.01.04.04-1 Man-made fiber nonwoven fabrics
22.01.04.05-2 Man-made fiber industrial fabrics
22.01.04.05.01-3 Tire cord and fabric
22.01.04.05.02-4 Man-made fiber industrial fabrics n.e.c.
22.01.05-8 Blended fiber and fabrics
22.01.05.01-9 Blended fiber yarn (use only when fabric is unknown)
22.01.05.02-0 Blended fiber woven fabrics
22.01.05.03-1 Blended fiber knit fabrics
22.01.05.04-2 Blended fiber nonwoven fabrics (includes felt)
22.01.05.05-3 Blended fiber industrial fabrics
22.01.05.05.01-4 Tire cord and fabric
22.01.05.05.02-5 Blended fiber industrial fabrics n.e.c.

22.02-4 Textile goods n.e.c. (e.g., cordage and twine, thread, padding, and upholstery products)

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22.03-5	Textile finishing and coating (should be followed by a product from 23.01 when appropriate)
22.03.01-6	Finishing (physical or chemical treatment of yarn or fabrics)
22.03.01.01-7	Bleaching
22.03.01.02-8	Dyeing
22.03.01.03-9	Printing
22.03.01.04-0	Chemical finishing n.e.c. (applying chemicals to fabrics to impart properties such as flame resistance)
22.03.01.05-1	Physical finishing (e.g., pressing, heat treating)
22.03.02-7	Coating (coating fabrics with plastics materials; rubberized fabrics are in 30.01.10)

23-3 APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS

23.01-4 Apparel (includes all personal attire except footwear, see 31.03.01, and rubber or plastics clothing, see 30.01.03, 30.02.03, and 30.02.10)

23.01.01-5 Men's clothing (includes teenagers'; excludes children's and infants' apparel, see 23.01.03)

23.01.01.01-6 Men's outerwear

23.01.01.01.01-7 Suits and tailored jackets

23.01.01.01.02-8 Coats (overcoats, topcoats, raincoats)

23.01.01.01.03-9 Dress and sport trousers

23.01.01.01.04-0 Jeans and work pants

23.01.01.01.05-1 Nontailored jackets

23.01.01.01.06-2 Dress and sport shirts

23.01.01.01.07-3 Work shirts

23.01.01.01.08-4 Sweaters

23.01.01.01.09-5 Hats and caps

23.01.01.01.10-6 Swimsuits

23.01.01.01.11-7 Sportswear (except swimsuits; e.g., ski pants, wet suits, track suits)

23.01.01.01.12-8 Men's outerwear n.e.c. (e.g., neckties, gloves)

23.01.01.02-7 Men's underwear and nightwear

23.01.01.02.01-8 Underwear

23.01.01.02.02-9 Nightwear and robes

23.01.01.02.03-0 Socks

23.01.02-6 Women's apparel (includes teenagers'; excludes children's and infants' apparel, see 23.01.03)

23.01.02.01-7 Women's outerwear

23.01.02.01.01-8 Dresses

23.01.02.01.02-9 Suits and jackets

23.01.02.01.03-0 Coats and capes (e.g., toppers, car coats, raincoats)

23.01.02.01.04-1 Skirts

23.01.02.01.05-2 Blouses and shirts

23.01.02.01.06-3 Slacks and jeans

23.01.02.01.07-4 Sweaters

23.01.02.01.08-5 Hats, caps, millinery

23.01.02.01.09-6 Swimsuits

23.01.02.01.10-7 Sportswear (except swimsuits; e.g., ski suits)

23.01.02.01.11-8 Women's outerwear n.e.c.

23.01.02.02-8 Women's underwear and nightwear

23.01.02.02.01-9 Brassieres, girdles, and corsets

23.01.02.02.02-0 Hosiery (including pantyhose and socks)

23.01.02.02.03-1 Women's underwear n.e.c. (e.g., panties, slips)

23.01.02.02.04-2 Nightwear and robes

23.01.03-7	Children's and infants' apparel (pre-teens)
23.01.03.01-8	Children's and infants' outerwear
23.01.03.01.01-9	Dresses
23.01.03.01.02-0	Coats and suits
23.01.03.01.03-1	Skirts
23.01.03.01.04-2	Blouses and shirts
23.01.03.01.05-3	Slacks and jeans
23.01.03.01.06-4	Children's and infants' outerwear n.e.c., (e.g, playsuits)
23.01.03.02-9	Children's and infants' underwear and nightwear
23.01.03.02.01-0	Underwear (includes cloth diapers)
23.01.03.02.02-1	Nightwear and robes
23.01.04-8	Apparel and accessories n.e.c. (e.g., belts, academic gowns)
23.02-5	Textile house and other building furnishings
23.02.01-6	Carpets and rugs
23.02.02-7	Curtains and draperies
23.02.03-8	Bedding
23.02.03.01-9	Blankets and bedspreads
23.02.03.02-0	Sheets, pillow cases, and mattress covers
23.02.03.03-1	Pillows
23.02.04-9	Towels and washcloths
23.02.05-0	Textile house furnishings n.e.c. (e.g., table cloths, napkins, slip covers)
23.03-6	Fabricated textile products (except apparel, see 23.02, and building furnishings, see 23.03)
23.03.01-7	Vehicle seat covers and trimming
23.03.02-8	Textile bags
23.03.03-9	Canvas products (e.g., awnings, tents)
23.03.04-0	Sleeping bags
23.03.05-1	Fabricated textile products n.e.c. (e.g., flags, parachutes)

24-4 LUMBER AND WOOD PRODUCTS (except furniture)

24.01-5 Timber production (logging operations and products)
24.01.01-6 Logs (e.g., sawlogs, veneer logs, bolts)
24.01.02-7 Round timbers (e.g., piles, posts, poles)
24.01.03-8 Rough hewn or split wood (e.g., split fencing, stakes)
24.01.04-9 Pulpwood
24.01.05-0 Firewood

24.02-6 Lumber and wood stock
24.02.01-7 Lumber (hardwood and softwood finished lumber, e.g., boards, dimension lumber, structural timber; excludes flooring and siding, see 24.02.04)
24.02.02-8 Lumber stock (e.g., flitches, cants)
24.02.03-9 Wood cut stock (e.g., for furniture components, barrel staves)
24.02.04-0 Flooring and siding
24.02.05-1 Molding
24.02.06-2 Shingles and shakes
24.02.07-3 Lumber mill residuals (e.g., chips, bark, shavings, sawdust, hogged fuel, wood flour, excelsior)

24.03-7 Formed wood (wood sheets or structural shapes composed of wood particles or layers of wood bonded together)
24.03.01-8 Plywood and veneer
24.03.02-9 Laminated structural members
24.03.03-0 Composition board (e.g., hardboard, particleboard)

24.04-8 Millwork (fabricated wood parts, e.g., window units, doors, frames, and furniture parts)

24.05-9 Wood containers, pallets, and skids
24.05.01-0 Wood boxes
24.05.01.01-1 Wood boxes for food and beverages
24.05.01.02-2 Wood boxes for industrial and other uses
24.05.02-1 Wood pallets and skids
24.05.03-2 Cooperage (e.g. hogsheads, barrels, kegs, tanks, and vats)
24.05.04-3 Wood containers n.e.c.

24.06-0 Wood preserving (treating wood with creosote and other preservatives to prevent decay and to protect against fire and insects)

24.07-1 Prefabricated wood structures and building components (e.g., buildings, cooling towers, precut building packages, and components such as walls and floors)

24.08-2	Mobile homes (excludes motor homes, see 37.01.01.04, and campers, see 37.07.01)
24.09-3	Prefinished lumber and wood panels
24.10-4	Cork products (excludes cork seals and gaskets, which are classified in 35.06.09)
24.10.01-5	Cork stoppers
24.10.02-6	Cork sheet and board
24.10.03-7	Cork tile
24.10.04-8	Cork products n.e.c.
24.11-5	Compressed wood fuel (e.g., fireplace logs, fuel pellets)
24.12-6	Wood products n.e.c. (e.g., wood bowls, clothes pins, wood ladders)

25-5 FURNITURE AND FIXTURES (excludes wood furniture parts, see 24.04, and plastics furniture components and furnishings, see 30.02.04)

25.01-6 Household furniture
25.01.01-7 Upholstered household furniture (e.g., sofas, chairs)
25.01.02-8 Mattresses and bedsprings (includes convertible sofas and other sleep furniture)
25.01.03-9 Household furniture n.e.c. (e.g., tables, chairs, beds, cabinets)

25.02-7 Office furniture (e.g., desks, chairs, tables, filing cabinets)

25.03-8 Public building furniture (unique to public buildings, e.g., school desks, church pews)

25.04-9 Hospital furniture

25.05-0 Furniture n.e.c. (e.g., restaurant furniture, work benches, tool stands)

25.06-1 Partitions, shelving, and lockers (metal; plastics partitions are classified in 30.02.08.01)

25.07-2 Office and store fixtures (e.g., display cases, counters)

25.08-3 Drapery hardware, blinds, and shades

25.09-4 Fixtures n.e.c. (e.g., bar fixtures, mailing racks)

26.01-7 Pulp (paper and chemical grades)
26.01.01-8 Chemical cellulose pulp (sulfate and sulfite)
26.01.02-9 Sulfite pulp
26.01.03-0 Sulfate pulp
26.01.04-1 Mechanical wood pulp (e.g., stone groundwood, thermomechanical)
26.01.05-2 Soda pulp
26.01.06-3 Semichemical pulp
26.01.07-4 Chemimechanical pulp
26.01.08-5 Reclaimed paper pulp
26.01.09-6 Papermaking pulps from nonwood fibers
26.01.10-7 Papermaking pulp n.e.c.
26.01.11-8 Pulp mill by-products
26.01.11.01-9 Pulp mill turpentine
26.01.11.02-0 Pulp mill tall oil and other chemical by-products

26.02-8 Paper (basic paper stock; excludes converted paper products, see 26.05)
26.02.01-9 Newsprint
26.02.02-0 Printing, writing, and related papers (except newsprint)
26.02.02.01-1 Coated papers
26.02.02.02-2 Uncoated free sheet papers
26.02.02.03-3 Uncoated groundwood-containing papers
26.02.02.04-4 Thin papers (e.g., bible, carbonizing, cigarette, condenser)
26.02.02.05-5 Cotton fiber papers
26.02.02.06-6 Bleached bristols
26.02.02.07-7 Printing, writing, and related papers n.e.c.
26.02.03-1 Packaging papers (excludes: laminated, coated, and treated packaging papers, see 26.05.01.03, 25.05.01.04, and 26.05.01.05; paper bags and liners, see 26.05.03; die cut paper products, see 26.05.04; paper wrapping products, see 26.05.08; paper products for food packaging, see 26.05.10.01; and paperboard packaging products listed under 26.06)
26.02.03.01-2 Unbleached or bleached kraft papers (e.g., wrapping, bag, sack)
26.02.03.02-3 Glassine, greaseproof, and vegetable parchment papers (when coated or otherwise treated, are classified in 26.05.01)
26.02.03.03-4 Packaging papers n.e.c.
26.02.04-2 Special industrial papers (e.g., wallpaper stock, filter paper)
26.02.05-3 Tissue and absorbent paper products stock
26.02.05.01-4 Sanitary and facial tissue stock
26.02.05.02-5 Napkin, towelling and wiper stock
26.02.05.03-6 Miscellaneous tissue stock (e.g., wadding, waxing, wrapping)

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26.03-9	Paperboard (except industrial and construction paperboard, 26.04.07)
26.03.01-0	Linerboard (facings for finished corrugated or solid fiber board)
26.03.01.01-1	Kraft linerboard
26.03.01.02-2	Recycled linerboard
26.03.02-1	Corrugating medium
26.03.03-2	Paperboard for carton manufacture
26.03.04-3	Fiber tube, can, and drum stock
26.03.05-4	Paperboard n.e.c.
26.04-0	Industrial and construction paper and paperboards
26.04.01-1	Gypsum wallboard facings
26.04.02-2	Roofing and building paper stock
26.04.03-3	Wet machine board (e.g., binders board, shoe and trunk fiberboard)
26.04.04-4	Special industrial paperboard (e.g., gasket stock, automotive panel stock)
26.04.05-5	Insulating board and hard pressed panels (boards made from pressed fibrous material and used as building boards for insulation, sheathing, siding, paneling, and similar applications)
26.04.06-6	Cellulose insulation (loose fill)
26.04.07-7	Asphalt and tar saturated building materials (building paper, board, and non-asbestos felt saturated with asphalt or tar; e.g., tar paper, roofing board, asphalt shingles and roofing; asphalt floor tiles are classified in 32.09.02.02, and asphalt and tar saturated asbestos felts are classified in 32.09.02.04
26.04.08-8	Industrial and construction paper and paperboard n.e.c.
26.05-1	Converted paper products
26.05.01-2	Coated, laminated and treated paper products (coated printing and writing paper is classified in 26.02.02.01)
26.05.01.01-3	Gummed paper products (coated with adhesive that requires moistening prior to application; e.g., tape, labels, seals, stamps)
26.05.01.02-4	Pressure sensitive paper products (coated with adhesive that adheres to dry surfaces with pressure alone; e.g., tape, labels, protective paper)
26.05.01.03-5	Laminated, coated, and treated papers for food packaging and service (e.g., waxed wrapping paper; food liners are classified in 26.05.03.01)
26.05.01.04-6	Laminated, coated, and treated papers for sanitary products (e.g., soap impregnated papers)
26.05.01.05-7	Laminated, coated, and treated papers for other than food and sanitary products

26.05.02-3	Envelopes, stationery and similar products
26.05.02.01-4	Envelopes
26.05.02.02-5	Stationery paper (e.g., boxed stationery, wedding announcements, cards)
26.05.02.03-6	Tablets, pads, notebooks and similar products
26.05.02.04-7	Ream wrapped papers (e.g., typewriter and reproduction papers)
26.05.02.05-8	Carbon paper and carbonless copy paper
26.05.02.06-9	Business machine paper (e.g., adding machine tapes, computer paper, copier paper rolls)
26.05.03-4	Paper bags and liners
26.05.03.01-5	Paper bags and liners for food and food service (e.g., candy, tea, sandwich, bakery, pet food)
26.05.03.02-6	Paper bags and liners for commercial and household service (e.g., garbage, shopping, wardrobe, grocery)
26.05.03.03-7	Shipping sacks and industrial multiwall bags (e.g., cement bags, sand bags)
26.05.04-5	Die cut paper and board
26.05.04.01-6	Die cut paper and board for food service (e.g., doilies, cake boards)
26.05.04.02-7	Die cut paper and board except food service (e.g., file folders, automotive panels, tabulating cards)
26.05.05-6	Pressed and molded pulp goods
26.05.05.01-7	Pressed and molded pulp goods for food packaging and service
26.05.05.02-8	Pressed and molded pulp goods for industrial or commercial use (e.g., papier-mache articles bituminous fiber pipe)
26.05.06-7	Sanitary paper products
26.05.06.01-8	Sanitary napkins and tampons
26.05.06.02-9	Disposable diapers
26.05.06.03-0	Toilet tissue
26.05.06.04-1	Facial tissue
26.05.06.05-2	Sanitary paper products n.e.c.
26.05.07-8	Industrial, household, and commercial absorbent paper products (e.g., paper towels, pads, napkins, wipers)
26.05.08-9	Paper wrapping products, (e.g., gift wrapping paper, wrapping tissue, creped wadding)
26.05.09-0	Wallpaper
26.05.10-1	Miscellaneous paper products
26.05.10.01-2	Miscellaneous paper products for food packaging and service (e.g., salt and pepper envelopes)
26.05.10.02-3	Miscellaneous paper products (e.g., shelf paper, cigarette paper, displays, games, drafting paper, map paper)

26.06-2	Paperboard products
26.06.01-3	Paperboard containers
26.06.01.01-4	Corrugated containers (including pads, partitions, flat sheets, and rolls)
26.06.01.02-5	Solid fiber boxes
26.06.02-4	Folding cartons and setup boxes except food packaging and food service
26.06.03-5	Food packaging and food service products
26.06.03.01-6	Milk and other beverage cartons
26.06.03.02-7	Food service paper products (e.g., paper cups, trays, food pails, straws)
26.06.03.03-8	Food packaging products (e.g., butter, ice cream, cereal cartons, frozen foods, meat trays)
26.06.04-6	Fiber tubes, cans, drums and similar items
26.06.04.01-7	Fiber tubes, cans, and drums for food packaging
26.06.04.02-8	Fiber tubes, cans, and drums except food packaging
26.06.05-7	Paperboard products n.e.c.
26.06.05.01-8	Paperboard products for medical and food service products n.e.c.
26.06.05.02-9	Paperboard products except medical, food, and food service products n.e.c. (e.g., displays, unprinted tags, laminated tile)

27-7 PRINTING AND PUBLISHING (Specify an activity from 27.02 Printing and related activities, and a product from 27.01 Printed products)

27.01-8 Printed products (should be preceded by an activity from 27.02 when appropriate)

- 27.01.01-9 Newspapers
- 27.01.02-0 Periodicals
- 27.01.03-1 Books (hardbound and paperbacks)
- 27.01.04-2 Business forms
- 27.01.05-3 Catalogs and directories
- 27.01.06-4 Business service publications
- 27.01.07-5 Labels and wrappers
- 27.01.08-6 Audiovisual aids
- 27.01.09-7 Greeting cards
- 27.01.10-8 Custom printed products (e.g., invitations, circula
- 27.01.11-9 Printed products n.e.c.

27.02-9 Printing and related activities (should be followed by a product from 27.01 when appropriate)

- 27.02.01-0 Printing
  - 27.02.01.01-1 Letterpress
  - 27.02.01.02-2 Lithography
  - 27.02.01.03-3 Engraved plate printing
  - 27.02.01.04-4 Gravure
  - 27.02.01.05-5 Photocopying
  - 27.02.01.06-6 Printing n.e.c.
- 27.02.02-1 Bookbinding
- 27.02.03-2 Typesetting
- 27.02.04-3 Photoengraving
- 27.02.05-4 Electrotyping and stereotyping
- 27.02.06-5 Lithographic platemaking
- 27.02.07-6 Printing-related activities n.e.c.

Compositional Terms [28.01 Inorganic chamicals, and 28.02 Organic chemicals, give compositional terms that define chemicals in terms of the constituent elements and the molecular structure. The remainder of the chemicals section contains primarily end-use terms that refer to finished chemical products]

28.01-9 Inorganic chemicals (includes carbon and carbon compounds commonly considered to be inorganic, i.e., carbon oxides and sulfides, cyanogen, halocyanides, cyanic and hydrocyanic acids, bicarbonates, carbonates, cyanides, cyanates, thiocyanates and carbides; excludes certain "organo" compounds, see 28.02.05 to 28.02.08)

28.01.01-0 Alkalies and chlorine
28.01.01.01-1 Chlorine
28.01.01.02-2 Sodium hydroxide
28.01.01.03-3 Sodium bicarbonate and carbonate
28.01.01.04-4 Potassium bicarbonate, carbonate and hydroxide
28.01.02-1 Industrial gases
28.01.02.01-2 Acetylene
28.01.02.02-3 Carbon dioxide
28.01.02.03-4 Nitrogen
28.01.02.04-5 Oxygen
28.01.02.05-6 Helium
28.01.02.06-7 Argon
28.01.02.07-8 Nitrous oxide
28.01.02.08-9 Hydrogen
28.01.02.09-0 Carbon monoxide
28.01.02.10-1 Sulfur dioxide
28.01.03-2 Industrial inorganic acids
28.01.03.01-3 Sulfuric acid (includes oleum, excludes sulfur trioxide, see 28.01.07)
28.01.03.02-4 Hydrochloric acid
28.01.03.03-5 Nitric acid
28.01.03.04-6 Hydrofluoric acid
28.01.03.05-7 Fluosilicic acid
28.01.03.06-8 Hydrocyanic acid
28.01.03.07-9 Chlorosulfuric acid
28.01.03.08-0 Sulfamic acid
28.01.03.09-1 Phosphoric acid

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28.01.04-3 Common simple salts (combinations of one of the following cations and one of the following anions)
Cations: ammonium, sodium, potassium, calcium, and magnesium
Anions: chloride, sulfate, sulfite, nitrate, phosphate, silicate and hypochlorite

28.01.04.01-4 Simple salts n.e.c. (combinations of one of the cations ammonium, sodium, potassium, calcium, or magnesium, and any ion or radical not listed in 28.01.04 or which cannot be classified in 28.01.05, e.g., includes nitrite, bromide, cyanide, perchlorate, persulfate, sulfide, and thiocyanate, and excludes chromate, titanate, permanganate, etc.; also includes hydrides, oxides, and peroxides of sodium, potassium, calcium and magnesium, and the hydroxides, bicarbonates and carbonates of calcium and magnesium)

28.01.05-4 Selected elements and their inorganic compounds (excludes certain "organo" compounds, see 28.02.05 to 28.02.08; certain metals, see 33; alloys, see 33.01.04 and 33.02; and ores, see 10)

28.01.05.01-5 Potassium, rubidium and cesium (for sodium and lithium see 33.02.12 and 33.02.08)

28.01.05.02-6 Compounds of lithium, rubidium and cesium (for compounds of sodium and potassium see 28.01.01, 28.01.04 and 28.01.04.01)

28.01.05.03-7 Calcium

28.01.05.04-8 Beryllium and beryllium compounds

28.01.05.05-9 Strontium and strontium compounds

28.01.05.06-0 Barium and barium compounds

28.01.05.07-1 Radium and radium compounds

28.01.05.08-2 Titanium compounds (for elemental titanium see 33.02.13)

28.01.05.09-3 Zirconium compounds (for elemental zirconium see 33.02.13)

28.01.05.10-4 Hafnium and hafnium compounds

28.01.05.11-5 Vanadium compounds (for elemental vanadium see 33.02.13)

28.01.05.12-6 Niobium (columbium) and niobium compounds

28.01.05.13-7 Tantalum compounds (for elemental tantalum see 33.02.13)

28.01.05.14-8 Chromium and chromium compounds

28.01.05.15-9 Manganese compounds (for elemental manganese see 33.02.13)

28.01.05.16-0 Iron compounds (for elemental iron see 33.01.02)

28.01.05.17-1 Cobalt compounds (for elemental cobalt see 33.02.13)

28.01.05.18-2 Nickel compounds (for elemental nickel see 33.02.13)

28.01.05.19-3 Copper compounds (for elemental copper see 33.02.01)

28.01.05.20-4 Silver compounds (for elemental silver see 33.02.11)

28.01.05.21-5 Gold compounds (for elemental gold see 33.02.07)

28.01.05.22-6 Zinc compounds (for elemental zinc see 33.02.04)

28.01.05.23-7 Cadmium compounds (for elemental cadmium see 33.02.06)

28.01.05.24-8 Mercury compounds (for elemental mercury see 33.02.10)

28.01.05.25-9 Boron and inorganic boron compounds (includes boron carbide, boric acid and borohydrides; excludes organoboron compounds, see 28.02.05)

28.01.05.26-0 Aluminum compounds (for elemental aluminum see 33.02.02)

28.01.05.27-1 Gallium, germanium, indium, and thallium and their compounds

28.01.05.28-2 Scandium, ytterbium and the lanthanide series (elements 57-71, e.g., cerium, neodymium, etc.) and their compounds

28.01.05.29-3 Noble gases and their compounds (except elemental helium and argon, see 28.01.02; includes neon, krypton, xenon, and noble gas compounds; excludes polonium, see 28.01.05.35)

28.01.05.30-4 Arsenic compounds (for elemental arsenic see 33.02.

28.01.05.31-5 Antimony compounds (for elemental antimony see 33.02.13)

28.01.05.32-6 Bismuth compounds (for elemental bismuth see 33.02.05)

28.01.05.33-7 Selenium and selenium compounds

28.01.05.34-8 Tellurium and tellurium compounds

28.01.05.35-9 Polonium and polonium compounds

28.01.05.36-0 Tin compounds (for elemental tin see 33.02.13)

28.01.05.37-1 Lead compounds (for elemental lead see 33.02.03)

28.01.05.38-2 Actinium, thorium, and protactinium and their compounds

28.01.05.39-3 Uranium and uranium compounds (except uranium oxide, see 29.06.01, and enriched uranium, see 29.06.02)

28.01.05.40-4 Transuranic elements and compounds

28.01.05.41-5 Metals and metal compounds n.e.c. (includes all metallic elements and their compounds not classified elsewhere in 28.01.05 or in 33; for metallic ores see 10.01)

28.01.06-5 Inorganic nitrogen compounds

28.01.06.01-6 Ammonia, anhydrous and aqueous

28.01.06.02-7 Urea

28.01.06.03-8 Hydroxylamine and hydrazine

28.01.06.04-9 Inorganic nitrogen compounds n.e.c. (includes cyanogen and halocyanides; excludes nitrous oxide, see 28.01.02.07; certain acids, see 28.01.03; and compounds that can be classified in 28.01.04, e.g., ammonium salts and sodium cyanide; and 28.01.05, e.g., iron nitride)

28.01.07-6 Inorganic sulfur compounds n.e.c (excludes compounds that can be classified in 28.01.04 or 28.01.05; also excludes sulfur dioxide, see 28.01.02.09; certain acids, see 28.01.03; carbon sulfides, see 28.01.08; phosphorus sulfides, see 28.01.09.03; silicon sulfides, see 28.01.10; and certain halogen-containing compounds, see 28.01.11; includes sulfur trioxide, hydrogen sulfide; for elemental sulfur see 10.04.14.03)

28.01.08-7 Carbon and inorganic carbon compounds n.e.c. (includes carbon black, activated carbon and diamond; excludes graphite, see 10.04.01; coke, see 29.02.08 and 33.01.01.01; and compounds that can be classified in 28.01.04, 28.01.05, or 28.01.06; also excludes silicon carbides, see 28.01.10, carbon dioxide and carbon monoxide, see 28.01.02; includes carbonyl halides, carbon sulfides, and thiophosgene)

28.01.09-8 Inorganic phosphorus compounds

28.01.09.01-9 Phosphorus

28.01.09.02-0 Phosphorus pentoxide

28.01.09.03-1 Inorganic phosphorus compounds n.e.c. (includes phosphorus cyanide, cyanate and thiocyanate and phosphorus compounds containing halogen, hydrogen, sulfur, nitrogen, or silicon; excludes compounds that can be classified in 28.01.04 or 28.01.05; phosphoric acid, see 28.01.03.09 and organophosphorus compounds, see 28.02.06)

28.01.10-9 Silicon and inorganic silicon compounds n.e.c. (excludes compounds that can be classified under 28.01.04, e.g. sodium silicate, or in 28.01.05, e.g. iron silicide; also excludes fluosilicic acid, see 28.01.03.05; silica, see 10.05.08; organo-silicon compounds, see 28.02.07; includes silicon halides, nitrides, carbides, hydrides, sulfides, oxyhalides, thiocyanates, etc.)

28.01.11-0 Halogens, interhalogen compounds, and compounds containing halogen plus only sulfur, or oxygen, or hydrogen or any combination of these elements (includes fluorine, bromine, iodine, chlorine dioxide, iodine pentafluoride, thionyl chloride; excludes chlorine, see 28.01.01.01, hydrochloric acid, see 28.01.03.02, hydrofluoric acid, see 28.01.03.04, chlorosulfuric acid, see 28.01.03.07)

28.01.12-1 Miscellaneous inorganic compounds and elements

28.01.12.01-2 Ozone

28.01.12.02-3 Hydrogen peroxide

28.01.12.03-4 Water (chemical grade)

28.01.12.04-5 Mixed inorganic compounds n.e.c. (e.g., mixed metal compounds)

28.01.12.05-6 Inorganic compounds and elements n.e.c. in 28.01

Compositional Terms [continued]

28.02-0 Organic chemicals (chemicals containing carbon, except compounds commonly considered as inorganic, i.e., carbon and carbon oxides and sulfides, cyanogen, halocyanides, cyanic and hydrocyanic acids, bicarbonates, carbonates, cyanides, cyanates and thiocyanate salts and carbides, see 28.01)

28.02.01-1 Hydrocarbons (contain only carbon and hydrogen)

28.02.01.01-2 Acyclic (contain no ring structures; includes paraffins, olefins, dienes, alkylenes, e.g., isooctane, butadiene, vinyl acetylene, isoprene, butylenes; excludes acetylene, see 28.01.02.01, natural gas, see 10.03.02, and pipeline quality gas from coal, see 29.03.01.01.02)

28.02.01.02-3 Alicyclic (may contain acyclic substituents; contain at least one ring but no aromatic rings, e.g., cyclohexane, cyclohexene, methylcyclopentane)

28.02.01.03-4 Aromatic (may contain acyclic and/or alicyclic substituents; contain at least one aromatic ring; e.g., benzene, styrene, toluene, xylenes, anthracene, indene, biphenyl, stilbene)

28.02.02-2 Monofunctional organic compounds (contain only one type of substituent. In this classification system acyclic hydrocarbon groups are not considered as valid functions but rather as "non-functions"; groups containing carbon-carbon double and triple bonds are not classified separately but are included with their saturated counterparts. However, aromatic groups (e.g., phenyl) are considered to be separate, valid functionalities. As a result of this system, for example, cresol, which has a methyl group as well as a hydroxyl group attached directly to an aromatic ring, should be classified as monofunctional (28.02.02.02.03 Aromatic hydroxy compounds), but benzyl alcohol, which does not have the hydroxyl group attached to the aromatic ring and thus has two functionalities (aromatic ring and hydroxyl), must be classified under Polyfunctional organic compounds (28.02.04). Similarly, toluidine is classified as an Aromatic amine (28.02.02.11.03) while phenylethylamine is polyfunctional (28.02.04). Compounds with two or more identically classifiable functionalities are categorized under the appropriate level of Monofunctional organic chemicals. Thus, ethylene glycol, with two hydroxyl groups, is classified under

Acyclic hydroxy compounds (28.02.02.02.01) and dibromochloropropane is classified under Acyclic halogenated hydrocarbons (28.02.02.01.01).

28.02.02.01-3 Halogenated hydrocarbons (contain only carbon, one or more of the following elements -- fluorine, chlorine, bromine, iodine, -- and possibly hydrogen)

28.02.02.01.01-4 Acyclic (e.g., chloroform, trichloroethylene, vinyl chloride, dibromochloropropane, dichlorodifluoromethane)

28.02.02.01.02-5 Alicyclic (contain the halogen(s) attached to a non-aromatic ring; e.g., bromocyclopentane, dichlorocyclohexane)

28.02.02.01.03-6 Aromatic (contain the halogen(s) attached to an aromatic ring; e.g., chlorobenzene, o-dichlorobenzene, chlorofluorobenzene, p-bromotoluene)

28.02.02.02-4 Hydroxy compounds (contain at least one C-O-H function)

28.02.02.02.01-5 Acyclic (e.g., ethanol, butanediol, ethylene glycol, glycerin, pentaerythritol)

28.02.02.02.02-6 Alicyclic (contain the hydroxyl function(s) attached to a non-aromatic ring, e.g., cyclohexanol)

28.02.02.02.03-7 Aromatic (contain the hydroxyl function(s) attached to an aromatic ring, e.g., phenol, naphthol, resorcinol, cresol, alkyphenols)

28.02.02.03-5 Ethers (contain the ether function, C-O-C; excludes epoxides, see 28.02.02.07 and oxygen heterocycles, see 28.02.03.02)

28.02.02.03.01-6 Acyclic (e.g., dimethyl ether, diethyl ether, methyl t-butyl ether)

28.02.02.03.02-7 Alicyclic (contain the ether function attached to a non-aromatic ring, e.g., dicyclohexyl ether)

28.02.02.03.03-8 Aromatic (contain the ether function attached to an aromatic ring, e.g., diphenyl ether, anisole)

28.02.02.04-6 Peroxides, hydroperoxides, and acyl peroxides (contain one of the following functions: C-O-O-C, C-O-O-H, C(=O)-O-O-C(=O))

28.02.02.04.01-7 Acyclic (e.g., t-butylhydroperoxide, lauroyl peroxide)

28.02.02.04.02-8 Aromatic (e.g., benzoyl peroxide)

28.02.02.05-7 Ketones (contain the ketone function, C-C(=O)-C)

28.02.02.05.01-8 Acyclic (e.g., methyl ether ketone, acetone, mesityl oxide)

28.02.02.05.02-9 Alicyclic (contain the ketone function attached to a non-aromatic ring, e.g., cyclohexanone, methylcyclopentanone)

28.02.02.05.03-0 Aromatic (contain the ketone function attached to an aromatic ring, e.g., benzophenone, alkylanthraquinone)

28.02.02.06-8 Aldehydes (contain the -CHO function)

28.02.02.06.01-9 Acyclic (e.g., acetaldehyde, acrolein,

isobutyraldehyde, formaldehyde)

28.02.02.06.02-0 Aromatic (contain the aldehyde function attached to an aromatic ring, e.g., benzaldehyde)

28.02.02.07-9 Epoxides (contain an oxygen-containing three-membered ring, e.g., ethylene oxide, propylene oxide)

28.02.02.08-0 Carboxylic acids and their salts, acid halides, and anhydrides (contain the acid function C(=O)OH, acid halide C(=O)X where X=F, Cl, Br, or I, the anhydride function C(=O)-O-C(=O))

28.02.02.08.01-1 Acyclic (e.g., acetic acid, acetic anhydride, propionyl chloride, maleic anhydride (related to an acyclic acid))

28.02.02.08.02-2 Alicyclic (contain the function(s) attached to a non-aromatic ring, e.g., cyclohexanecarboxylic acid)

28.02.02.08.03-3 Aromatic (contain the acid, acid halide, or anhydride function attached to an aromatic ring, e.g., benzoic acid, benzoyl chloride, phthalic anhydride, isophthalic acid)

28.02.02.09-1 Esters (contain the function C(=O)-O-C)

28.02.02.09.01-2 Acyclic and alicyclic (contain no aromatic rings, e.g., ethyl acetate, methyl methacrylate, dicyclopentyl maleate)

28.02.02.09.02-3 Lactones (contain the ester as part of a non-aromatic ring structure, e.g., gamma-butyrolactone)

28.02.02.09.03-4 Aromatic (contain the ester function(s) attached to an aromatic ring, Ar-C(=O)-O-C, or C(=O)-O-Ar, e.g., butyl benzoate, dimethly phthalate, phenyl acetate)
acetate)

28.02.02.10-2 Amides (contain the amide function C(=O)-NRR', where R and R'=H alkyl or aryl)

28.02.02.10.01-3 Acyclic and alicyclic (contain no aromatic rings, (e.g., acetamide, acrylamide, dimethylformamide)

28.02.02.10.02-4 Lactams (contain the amide function as a part of a non-aromatic ring, e.g., caprolactam)

28.02.02.10.03-5 Aromatic (contain the amide function attached to an aromatic ring, e.g., benzamide, phthalamide, acetanilide)

28.02.02.11-3 Amines, amine salts, and quaternary ammonium compounds (contain the amine function, C-NRR', or the ammonium function, $C\text{-}N^{\oplus}RR'R''$, where R, R' and R''= H, alkyl, cycloalkyl or aryl; excludes nitrogen heterocycles, see 28.02.03.01)

28.02.02.11.01-4 Acyclic (e.g., methylamine, triethylamine, ethylenediamine, hexamethylenediamine, dimethyl distearyl ammonium chloride)

28.02.02.11.02-5 Alicyclic (contain the amine function(s) attached to a non-aromatic ring, e.g., cyclohexylamine)

28.02.02.11.03-6 Aromatic (contain the amine function(s) attached to an aromatic ring, e.g., aniline, naphthylamine, toluene-2,4-diamine, toluidine)

28.02.02.12-4 Nitro hydrocarbons (contain the nitro function C-NO_2)

28.02.02.12.01-5 Acyclic (e.g., 2-nitropropane, nitroparaffins)

28.02.02.12.02-6 Aromatic (contain the nitro function attached to an aromatic ring, e.g., nitrotoluene, dinitrobenzene)

28.02.02.13-5 Nitriles (contain the nitrile function, C≡N)

28.02.02.13.01-6 Acyclic (e.g., acetonitrile, acrylonitrile)

28.02.02.13.02-7 Aromatic (contain the nitrile function attached to an aromatic ring, e.g., benzonitrile)

28.02.02.14-6 Mercaptans (thiols) (contain the thiol function, C-S)

28.02.02.14.01-7 Acyclic (e.g., ethyl mercaptan)

28.02.02.14.02-8 Aromatic (e.g., benzenethiol)

28.02.02.15-7 Thioethers (sulfides) (contain the sulfide function, C-S-C, e.g., dimethylsulfide; excludes sulfur heterocycles, see 28.02.03.03)

28.02.02.16-8 Sulfonic acids, sulfonic acid salts, and sulfonyl halides (contain the function SO_2X where X = OH, halogen, OM, where M = metal ion)

28.02.02.16.01-9 Acyclic (e.g., methanesulfonyl chloride)

28.02.02.16.02-0 Aromatic (contain the SO_2X function attached to an aromatic ring, e.g. benzenesulfonic acid, sodium p-toluenesulfonate)

28.02.02.17-9 Monofunctional organic chemicals n.e.c.

28.02.02.17.01-0 Acyclic

28.02.02.17.02-1 Alicyclic

28.02.02.17.03-2 Aromatic

28.02.03-3 Heterocycles (contain at least one heteroatom (N,O,S) as an integral part of a single ring or fused ring system. The heterocycle may have other functionalities (e.g., oxo functions in purines) attached directly to the ring).

28.02.03.01-4 Nitrogen heterocycles (contain as the only heteroatom at least one nitrogen atom as part of a ring, e.g., pyridine, acridine, quinoline, triazoles, adenosine, dichloroisocyanuric acid, piperidine; excludes 28.02.02.10.02 Lactams)

28.02.03.02-5 Oxygen heterocycles (contain as the only heteroatom at least one oxygen atom as part of a ring, e.g., furan, tetrahydrofuran, dioxane, coumarone, xanthenes; excludes 28.02.02.09.02 Lactones and 28.02.02.08 anhydrides)

28.02.03.03-6 Sulfur heterocycles (contain as the only heteroatom at least one sulfur atom as part of a ring, e.g., thiophene, episulfides)

28.02.03.04-7 Mixed heteroatom heterocycles (contain at least two different heteroatoms as integral parts of the ring system, e.g., thiazole, oxazoles, oxazines)

28.02.04-4 Polyfunctional organic compounds (contain at least two different classifiable types of functional groups as defined under 28.02.02; e.g., ethanolamine, which has both hydroxyl and amino group; benzyl alcohol, which has hydrox and aromatic functions; other examples includ chloroacetic acid, amino acids, dichlorophenol, and salicyclic acid)

28.02.05-5 Organoboron compounds (contain boron, carbon, and at least one other element; e.g., trimethylboron)

28.02.06-6 Organophosphorus compounds (contain phosphorus, carbon, and at least one other element; e.g., triphenylphosphine, trimethyl phosphite, dimethyl phosphorodithioic acid (DMPA); excludes phosphorus cyanide, thiocyanate and cyanate, see 28.01.09.03)

28.02.07-7 Organosilicon compounds (contain silicon, carbon, and at least one other element; e.g., tetramethylsilane, dichlorodimethylsilane; excludes cyanide, thiocyanate and cyanate, see 28.01.11)

28.02.08-8 Organometallic compounds (contain a metal atom bound to at least one carbon atom; e.g., ferrocene, nickel tetracarbonyl; the metallic elements include: actinium, aluminum, antimony, bismuth, chromium, cobalt, copper, gallium, germanium, hafnium, indium, iridium, iron, lead, lithium, magnesium, manganese, mercury, molybdenum, nickel, niobium, osmium, palladium, platinum, polonium, rare earths (lanthanides), rhenium, rhodium, ruthenium, scandium, silver, tantalum, technetium, thallium, thorium, tin, titanium, uranium, vanadium, yttrium, zinc, zirconium; excludes bicarbonates, carbonates, cyanides, cyanates, thiocyanates, see 28.01)

28.02.08.01-9 Organoaluminum compounds (e.g., triethylaluminum)

28.02.08.02-0 Organocobalt compounds (e.g., cobalt carbonyls)

28.02.08.03-1 Organochromium compounds (e.g., bis-cyclopentadienyl chromium)

28.02.08.04-2 Organolead compounds (e.g., tetraethyl lead)

28.02.08.05-3 Organomanganese compounds (e.g., MMT)

28.02.08.06-4 Organomercury compounds (e.g., dimethyl mercury)

28.02.08.07-5 Organonickel compounds (e.g., nickel tetracarbonyl)

28.02.08.08-6 Organotin compounds (e.g., tetraphenyltin, di-n-butyltin dilaurate)

28.02.08.09-7 Organometallic compounds n.e.c.

28.02.09-9 Organic chemicals n.e.c. (compounds not classifiable in 28.02.01 - 28.02.08; other exceptions are noted at 28.02)

End-Use Terms [the remainder of the chemicals section contains primarily end-use terms that refer to finished chemical products; for compositional terms see 28.01 and 28.02]

28.03-1 Gum and wood chemicals
28.03.01-2 Softwood and gum chemical products
28.03.01.01-3 Turpentine (see also pulp mill by-product turpentine, 26.01.11.01)
28.03.01.02-4 Pine oil
28.03.01.03-5 Wood rosin, pitches and tars
28.03.01.04-6 Softwood and gum chemical products n.e.c. (excludes tall oil and other pulp mill chemical byproducts, see 26.01.11.02)
28.03.02-3 Hardwood chemical products
28.03.02.01-4 Charcoal
28.03.02.02-5 Natural tanning mixtures
28.03.02.03-6 Hardwood chemical products n.e.c.
28.03.03-4 Gum and wood chemicals n.e.c.

28.04-2 Dyes and pigments (includes active ingredients and formulated products)
28.04.01-3 Dyes
28.04.01.01-4 Acid dyes (applied from acid bath to wool, silk, and nylon)
28.04.01.02-5 Azoic dyes and components (color formed on fiber by coupling with a diazo compound)
28.04.01.03-6 Basic dyes (water soluble, positive-ion-carrying dyes used on a variety of fibers)
28.04.01.04-7 Direct dyes (applied directly, usually to natural fibers; primarily derived from benzidine)
28.04.01.05-8 Disperse dyes (non-ionic dyes applied from water dispersions, primarily to man-made fibers)
28.04.01.06-9 Fiber-reactive dyes (anionic dyes applied by chemical reaction with cellulosic fibers)
28.04.01.07-0 Food, drug, and cosmetic dyes
28.04.01.08-1 Solvent dyes (applied from a solvent)
28.04.01.09-2 Vat dyes (applied in a reduced form, then oxidized on the fiber)
28.04.01.10-3 Colorless dyes (fluorescent brighteners)
28.04.01.11-4 Dyes n.e.c.
28.04.02-4 Organic pigments
28.04.02.01-5 Monoazo pigments
28.04.02.02-6 Disazo pigments
28.04.02.03-7 Acid and basic dye pigments
28.04.02.04-8 Quinacridone pigments
28.04.02.05-9 Phthalocyanine pigments
28.04.02.06-0 Other polycyclic pigments
28.04.02.07-1 Organic pigments n.e.c.

28.04.03-5 Inorganic pigments and fillers
28.04.03.01-6 Titanium pigments
28.04.03.02-7 White lead pigments
28.04.03.03-8 White opaque pigments n.e.c. (includes antimony and lithopone pigments)
28.04.03.04-9 Extender pigments and fillers (includes whiting and blanc fixe)
28.04.03.05-0 Colored inorganic pigments

28.05-3 Surface active agents
28.05.01-4 Anionic surface-active agents
28.05.01.01-5 Carboxylic acid salts
28.05.01.02-6 Phosphoric and polyphosphoric acid esters and salts
28.05.01.03-7 Alkylbenzenesulfonic acids and salts
28.05.01.04-8 Lignin sulfonates
28.05.01.05-9 Sulfonic acids and sulfonates n.e.c.
28.05.01.06-0 Sulfated alcohols and salts
28.05.01.07-1 Sulfated ethers and salts
28.05.01.08-2 Anionic surface-active agents n.e.c.
28.05.02-5 Cationic surface-active agents
28.05.02.01-6 Amine oxides and oxygen-containing amines
28.05.02.02-7 Amines not containing oxygen
28.05.02.03-8 Quaternary ammonium salts
28.05.02.04-9 Cationic surface-active compounds n.e.c.
28.05.03-6 Nonionic surface-active agents
28.05.03.01-7 Carboxylic acid amides
28.05.03.02-8 Carboxylic acid esters
28.05.03.03-9 Benzenoid ethers
28.05.03.04-0 Nonbenzenoid ethers
28.05.03.05-1 Nonionic surface-active agents n.e.c.

28.06-4 Drugs (includes active ingredients and formulated products)
28.06.01-5 Human drugs
28.06.02-6 Animal drugs

28.07-5 Washing, cleansing, and sanitation products, toiletries and cosmetics
28.07.01-6 Household soaps, detergents and cleansers
28.07.01.01-7 Household soaps
28.07.01.01.01-8 Toilet soaps
28.07.01.01.02-9 Soap powders and flakes
28.07.01.01.03-0 Medicated soaps
28.07.01.01.04-1 Household soaps n.e.c. (excludes shampoos, see 28.07.04.03)
28.07.01.02-8 Household detergents and cleansers
28.07.01.02.01-9 Dishwashing machine compositions (includes rinse aids)
28.07.01.02.02-0 Household light-duty detergents (for handwashing delicate garments and dishes, and light-duty household cleaning)

28.07.01.02.03-1 Household heavy-duty detergents (for machine laundry and heavy-duty household cleaning)

28.07.01.02.04-2 Household scouring cleansers (powdered cleaning products usually containing an abrasive, a surfactant, and a bleach)

28.07.01.02.05-3 Household presoaks (for soaking heavily soiled articles prior to regular laundering; usually contain enzymes)

28.07.01.02.06-4 Household detergents and cleansers n.e.c.

28.07.02-7 Nonhousehold soaps, detergents and cleansers

28.07.02.01-8 Nonhousehold soaps

28.07.02.01.01-9 Nonhousehold dry soaps (chips, powdered, etc.)

28.07.02.01.02-0 Nonhousehold liquid soaps

28.07.02.01.03-1 Mechanics' hand soap (excludes waterless hand cleaners, see 28.07.03.03.06)

28.07.02.01.04-2 Nonhousehold soaps n.e.c.

28.07.02.02-9 Nonhousehold detergents

28.07.02.02.01-0 Nonhousehold machine dishwashing compounds (includes rinse aids)

28.07.02.02.02-1 Nonhousehold scouring cleansers

28.07.02.02.03-2 Nonhousehold heavy-duty detergents (includes commercial laundry detergents)

28.07.02.02.04-3 Nonhousehold detergents n.e.c.

28.07.03-8 Polishes, sanitation goods, specialty cleaning preparations, and laundry aids

28.07.03.01-9 Polishing preparations

28.07.03.01.01-0 Automobile polishes and waxes

28.07.03.01.02-1 Floor polishes

28.07.03.01.03-2 Shoe polishes

28.07.03.01.04-3 Leather dressings (except shoe polishes)

28.07.03.01.05-4 Metal polishes

28.07.03.01.06-5 Polishing preparations n.e.c.

28.07.03.02-0 Sanitation goods (excludes pesticides)

28.07.03.02.01-1 Household sanitizers and disinfectants

28.07.03.02.02-2 Dairy, farm, and food plant sanitizers and disinfectants

28.07.03.02.03-3 Restaurant and bar glassware rinse sanitizers and disinfectants

28.07.03.02.04-4 Deodorants (room, rug, upholstery, etc.)

28.07.03.02.05-5 Janitorial supply sanitizers and disinfectants

28.07.03.02.06-6 Sanitation goods n.e.c.

28.07.03.03.-1 Specialty cleaning preparations

28.07.03.03.01-2 Window cleaning preparations

28.07.03.03.02-3 Oven cleaners

28.07.03.03.03-4 Ammonia-based cleaners (contain 5-10% ammonia; may contain a small amount of a soap or detergent)

28.07.03.03.04-5 Dry cleaning spotting preparations (liquid)

28.07.03.03.05-6 Carpet and upholstery cleaning preparations

28.07.03.03.06-7 Waterless hand cleaners (excludes mechanics' hand soap, see 28.07.02.01.03)

28.07.03.03.07-8 Sweeping compounds (preparations comprising particulate matter, such as sawdust, impregnated with an anti-dusting ingredient, such as light mineral oil)

28.07.03.03.08-9 Specialty cleaning preparations n.e.c.

28.07.03.04-2 Laundry aids

28.07.03.04.01-3 Fabric softeners

28.07.03.04.02-4 Starch preparations

28.07.03.04.03-5 Laundry bluing preparations

28.07.03.04.04-6 Laundry bleaches

28.07.03.04.05-7 Ironing aids (preparations, usually aerosol formulations, containing lubricants, such as waxes, applied to fabrics to facilitate ironing)

28.07.03.04.06-8 Laundry aids n.e.c.

28.07.04-9 Toilet preparations and cosmetics

28.08-6 Paints and allied products

28.08.01-7 Trade sales finishes (includes oil types and water-based, excludes aerosols, see 28.08.03.05)

28.08.01.01-8 Exterior trade sales finishes (excludes finishes specifically formulated for spray application, see 28.08.01.03)

28.08.01.01.01-9 House paints (includes primers, undercoats, and enamels)

28.08.01.01.02-0 Barn and roof paints

28.08.01.01.03-1 Traffic paints

28.08.01.01.04-2 Automotive and machinery refinish paints, enamels and lacquers

28.08.01.01.05-3 Exterior varnishes and stains (excludes marine, see 28.08.01.01.07)

28.08.01.01.06-4 Masonry water emulsion paints

28.08.01.01.07-5 Marine trade sales finishes

28.08.01.01.08-6 Exterior trade sales finishes n.e.c.

28.08.01.02-9 Interior trade sales finishes (excludes finishes specifically formulated for spray application, see 28.08.01.03)

28.08.01.02.01-0 Oil-type interior paints and enamels (includes primers, undercoats, tinting bases)

28.08.01.02.02-1 Water-based interior paints and enamels (includes primers, undercoats, tinting bases)

28.08.01.02.03-2 Interior varnishes, shellacs and stains

28.08.01.02.04-3 Trade sales lacquers (except automotive and machinery, see 28.08.01.01.04)

28.08.01.02.05-4 Interior trade sales finishes

28.08.01.03-0 Trade sales spray finishes (finishes especially formulated for spray-type applications)

28.08.02-8 Industrial finishes

28.08.02.01-9 Industrial maintenance paints (specially formulated coatings for demanding exposure conditions)

28.08.02.01.01-0 Exterior industrial maintenance paints

28.08.02.01.02-1 Interior industrial maintenance paints

28.08.02.02-0 Marine finishes (except trade sales finishes, see 28.08.01.01.07)

28.08.02.03-1 Transportation finishes (original equipment, includ automotive)

28.08.02.04-2 Furniture and fixture finishes, industrial

28.08.02.05t-3 Appliance and heating equipment finishes, industrial

28.08.02.06-4 Industrial wood and composition flat stock finishes

28.08.02.07-5 Industrial metal sheet, strip and coil finishes

28.08.02.08-6 Container and closure finishes (e.g., for cans, bottles, and screw caps)

28.08.02.09-7 Paper and paperboard finishes (excludes pigment binders; see also coated papers, 26.02.02.01)

28.08.02.10-8 Electrical insulating varnishes

28.08.02.11-9 Powdered coatings

28.08.02.12-0 Industrial finishes n.e.c.

28.08.03-9 Miscellaneous paint and allied products

28.08.03.01-0 Sealants (viscous compositions that are poured, extruded, or spread into joints or voids, usually in a thick layer, to seal against water, air, vermin, etc.; includes caulks, putties, pipe thread dopes, and glazing compounds; excludes hydraulic cements, see 32.02; also excludes adhesives, see 28.13)

28.08.03.01.01-1 Drying oil-based sealants (e.g., linseed or soybean oil)

28.08.03.01.02-2 Synthetic polymer-based sealants (e.g., polyurethane, butyl or silicone rubber, acrylic)

28.08.03.01.03-3 Asphalt-based sealants

28.08.03.02-1 Wood fillers and sealers (includes spackling compounds and shellac-based sealer coatings)

28.08.03.03-2 Paint and varnish removers

28.08.03.04-3 Thinners

28.08.03.05-4 Aerosol finishes (aerosol formulations of paints, enamels, lacquers, etc.)

28.08.03.06-5 Organosols and plastisols (finely divided dispersions of resins in plasticizers; organosols also contain volatile solvent)

28.08.03.07-6 Paint and varnish driers (additives, usually metallic salts, that catalyze the oxidation of coatings)

28.08.03.08-7 Pigment dispersions (dispersions of pigments in an appropriate medium used in the manufacture of inks, coatings, and plastics)

28.08.03.09-8 Ink vehicles (liquid portion of an ink, including resin, drying oil and solvent)

28.08.03.10-9 Miscellaneous paint and allied products n.e.c. (excludes hobby, crafts and art supplies, see 39.06)

28.09-7 Resins, plastics, elastomers and man-made fibers
28.09.01-8 Thermosetting plastics and resin materials
28.09.01.01-9 Alkyd resins
28.09.01.02-0 Epoxy resins
28.09.01.03-1 Melamine resins
28.09.01.04-2 Phenolic and other tar acid resins
28.09.01.05-3 Unsaturated polyester resins
28.09.01.06-4 Polyether and polyester polyols for polyurethanes
28.09.01.07-5 Polyurethane elastomers and plastics (excludes spandex fiber, see 28.09.04.08)
28.09.01.08-6 Silicone resins (excludes silicone elastomers, see 28.09.03.09)
28.09.01.09-7 Urea-formaldehyde resins
28.09.01.10-8 Thermosetting plastics and resin materials n.e.c. (excludes thermosetting acrylics)
28.09.02-9 Thermoplastic plastics and resin materials (excludes fiber uses)
28.09.02.01-0 Acrylic resins (includes thermosetting acrylics)
28.09.02.02-1 Cellulosic plastics
28.09.02.03-2 Acetal resins
28.09.02.04-3 Acrylonitrile-butadiene-styrene resins
28.09.02.05-4 Polyamide resins
28.09.02.06-5 Saturated polyester resins (includes polybutylene and polyethylene terephthalate)
28.09.02.07-6 Polyethylene resins
28.09.02.08-7 Polypropylene resins
28.09.02.09-8 Polystyrene plastics materials (includes copolymers but not ABS resins, see 28.09.02.04)
28.09.02.10-9 Vinyl resins
28.09.02.10.01-0 Polyvinyl acetate and copolymers
28.09.02.10.02-1 Polyvinyl chloride and copolymers
28.09.02.10.03-2 Polyvinyl alcohol
28.09.02.10.04-3 Vinyl resins n.e.c. (includes vinylidene chloride resins)
28.09.02.11-0 Fluoropolymer plastics (includes polymers and copolymers of tetrafluorethane, vinyl fluoride, vinylidene fluoride, chlorotrifluorethylene, etc.)
28.09.02.12-1 Polyimide and polyamide-imide resins
28.09.02.13-2 Engineering resins n.e.c. (dimensionally stable plastics capable of sustaining high stresses; includes polycarbonate, polysulfone, and polyphenylene oxide resins)
28.09.02.14-3 Thermoplastic resins n.e.c.
28.09.03-0 Elastomers
28.09.03.01-1 Acrylonitrile-butadiene elastomers (N-type)
28.09.03.02-2 Butadiene elastomers
28.09.03.03-3 Chloroprene elastomers (neoprene)

28.09.03.04-4 Ethylene-propylene elastomers (includes terpolymers)
28.09.03.05-5 Natural rubber
28.09.03.06-6 Silicone elastomers
28.09.03.07-7 Chlorinated rubbers
28.09.03.08-8 Styrene-butadiene elastomers (S-type)
28.09.03.09-9 Styrene-butadiene-vinylpyridine elastomers
28.09.03.10-0 Polyisoprene elastomers (excludes natural rubber, see 28.09.03.05)
28.09.03.11-1 Fluorinated elastomers
28.09.03.12-2 Polysulfide elastomers
28.09.03.13-3 Butyl elastomers
28.09.03.14-4 Chlorosulfonated elastomers
28.09.03.15-5 Synthetic elastomers n.e.c. (excludes polyurethane elastomers, see 28.09.01.07)

28.09.04-1 Man-made fibers (includes staple and continuous filament; excludes yarns, see 22.01, and fiberglass, see 32.01.03)
28.09.04.01-2 Cellulosic man-made fibers
28.09.04.01.01-3 Rayon
28.09.04.01.02-4 Cellulose acetate
28.09.04.01.03-5 Cellulose triacetate
28.09.04.01.04-6 Cellulose man-made fibers n.e.c.
28.09.04.02-3 Nylon fibers
28.09.04.02.01-4 Nylon staple
28.09.04.02.02-5 Nylon monofilament
28.09.04.03-4 Acrylic fibers (at least 85% acrylonitrile)
28.09.04.04-5 Polyester fibers
28.09.04.05-6 Polyolefin fibers (excludes polypropylene fibers, see 28.09.04.06)
28.09.04.06-7 Polypropylene
28.09.04.07-8 Modacrylic fibers (copolymers containing less than 85% acrylonitrile)
28.09.04.08-9 Spandex (segmented polyurethane) fibers
28.09.04.09-0 Vinyon (polyvinyl chloride) fibers
28.09.04.10-1 Aramid (aromatic) nylon fibers
28.09.04.11-2 Fluorocarbon fibers
28.09.04.12-3 Organic fibers n.e.c.

28.10-8 Agricultural chemicals
28.10.01-9 Fertilizers
28.10.01.01-0 Nitrogenous fertilizers (excludes compounds that can be classified in 28.01.05, 28.01.06, or 28.01.07)
28.10.01.02-1 Phosphatic fertilizers (excludes compounds that can be classified in 28.01.05 or 28.01.06, and phosphoric acid, see 28.01.04.09)
28.10.01.03-2 Fertilizer materials of organic origin (e.g., sewage sludge, tankage, manure; for waste water residue treatment see 40.06.02.02.02)
28.10.01.04-3 Mixed fertilizers

28.10.02-0 Pesticides and biocides (includes active substances and preparations)
28.10.02.01-1 Insecticides
28.10.02.02-2 Herbicides
28.10.02.03-3 Fungicides
28.10.02.04-4 Rodenticides
28.10.02.05-5 Bactericides (excludes sanitation goods, see 28.07.03.02)
28.10.02.06-6 Algicides
28.10.02.07-7 Fumigants
28.10.02.08-8 Preservatives (excludes food additives, see 20.02)
28.10.02.09-9 Animal repellents
28.10.02.10-0 Insect attractants
28.10.02.11-1 Insect repellents
28.10.02.12-2 Pesticides and biocides n.e.c.
28.10.03-1 Agricultural chemicals n.e.c. (includes soil condi

28.11-9 Explosives and related products
28.11.01-0 Fuses
28.11.02-1 Detonating caps
28.11.03-2 Dynamite
28.11.04-3 Detonator explosive compounds
28.11.05-4 High explosives
28.11.06-5 Propellents
28.11.07-6 Flares
28.11.08-7 Fireworks and other pyrotechnics
28.11.09-8 Explosives and related products n.e.c.

28.12-0 Inks
28.12.01-1 Writing inks
28.12.02-2 Printing inks
28.12.02.01-3 Letterpress inks
28.12.02.02-4 Lithographic and offset inks
28.12.02.03-5 Gravure inks
28.12.02.04-6 Flexographic inks
28.12.02.05-7 Printing inks n.e.c.

28.13-1 Adhesives (substances used, commonly in thin layers, for bonding one surface to another)
28.13.01-2 Inorganic adhesives
28.13.01.01-3 Soluble silicate adhesives
28.13.01.02-4 Powdered glass and silica-based cements
28.13.01.03-5 Inorganic adhesives n.e.c. (excludes hydraulic cements, see 32.02)
28.13.02-3 Organic adhesives
28.13.02.01-4 Natural organic adhesives
28.13.02.01.01-5 Animal and fish glues
28.13.02.01.02-6 Vegetable pastes, glues, and mucilages (includes starch, natural rubber- and rosin-based)
28.13.02.01.03-7 Organic adhesives of mineral origin (includes asphalts and non-vegetable pitches)

28.13.02.02-5	Synthetic organic adhesives
28.13.02.02.01-6	Elastomer-based (e.g., synthetic rubber-based)
28.13.02.02.02-7	Thermoplastic resin-based (for hot melts, e.g., polyethylene- or polyamide-based)
28.13.02.02.03-8	Thermosetting resin-based (includes epoxy, polyvinyl butyral- and phenol-formaldehyde-based)
28.13.02.02.04-9	Silicone cements
28.13.02.02.05-0	Synthetic organic adhesives n.e.c.
28.14-2	Miscellaneous chemical products (includes active ingredients and formulated products)
28.14.01-3	Gelatin
28.14.02-4	Embalming chemicals
28.14.03-5	Vitreous enamels (frit)
28.14.04-6	Reagents
28.14.05-7	Water and waste-water treatment chemicals (e.g., deionizers, water softeners)
28.14.06-8	Metal treating compounds (e.g., rust removers, fluxing, plating, pickling and brazing compounds, rust inhibitors and degreasing solvents)
28.14.07-9	Ore processing chemicals (e.g., liquid ion exchange compounds, collectors)
28.14.08-0	Textile chemicals (e.g., textile sizes, soil retardants, flame retardants, dyeing assistants; excludes dyes and pigments, see 28.04)
28.14.09-1	Paper chemicals (e.g., paper sizes, coating formulations; excludes dyes and pigments, see 28.04, inks, see 28.12, and biocides, see 28.10.05)
28.14.10-2	Leather chemicals (e.g., tanning chemicals; excludes dyes and pigments, see 28.12)
28.14.11-3	Oil and natural gas drilling, production and transmission chemicals (e.g., drilling muds, enhanced oil recovery chemicals, gas odorants)
28.14.12-4	Petroleum product additives (e.g., lubricant and fuel additives)
28.14.13-5	Automotive, aerospace, and machinery chemicals n.e.c. (includes deicers, antifreezes, coolants, non-petroleum-based fluids; excludes petroleum derived oils and greases, see 29.02.06, polishes, see 28.07.03, and petroleum product additives, see 28.14.12)
28.14.14-6	Plastics and rubber chemicals (includes additives, e.g., plasticizers and processing aids, e.g., mold release products; excludes dyes and pigments, see 28.04)
28.14.15-7	Flavor and fragrance chemicals (e.g., perfume active ingredients, flavor for dentifrices; excludes food and beverage flavors and fragrances, see 20.02)
28.14.16-8	Concrete additives (includes accelerators and air entraining agents)
28.14.17-9	Fire extinguishants
28.14.18-0	Photographic chemicals

28.14.19-1	Biological media (e.g., culture nutrients)
28.14.20-2	Chemicals used in chemical processes and in formulations (excluding active ingredients)
28.14.20.01-3	Catalysts (e.g., initiators for polymerization)
28.14.20.02-4	Solvents and diluents (e.g., extenders for dyes)
28.14.20.03-5	Raw materials and intermediates for chemical processes
28.14.20.04-6	Chemicals used in chemical processes and in formulations (excluding active ingredients) n.e.c.
28.14.21-3	Chemicals for electronics and television equipment
28.14.22-4	Chemical products n.e.c.

29.01-0 Petroleum refinery processes
29.01.01-1 Treatment of crude oil and refinery products
29.01.01.01-2 Desalting of crude oil
29.01.01.02-3 Solvent extraction (includes dewaxing)
29.01.01.03-4 Acid/clay treatment of lubricating oils
29.01.01.04-5 Sweetening processes (desulfurization)
29.01.02-2 Petroleum distillation
29.01.03-3 Catalytic processes
29.01.03.01-4 Catalytic cracking
29.01.03.02-5 Hydrocracking
29.01.03.03-6 Hydrotreating and hydrodesulfurization
29.01.03.04-7 Catalytic reforming
29.01.03.05-8 Isomerization
29.01.03.06-9 Alkylation
29.01.03.07-0 Catalytic processes n.e.c.
29.01.04-4 Thermal processes
29.01.04.01-5 Thermal cracking
29.01.04.02-6 Thermal reforming
29.01.04.03-7 Coking
29.01.04.04-8 Thermal processes n.e.c.
29.01.05-5 Waste oil refining
29.01.06-6 Petroleum refining processes n.e.c.

29.02-1 Petroleum products (except asphalt; see 29.05)
29.02.01-2 Petroleum fuels
29.02.01.01-3 Gasoline
29.02.01.01.01-4 Automotive gasoline (excludes gasohol, which i
classified in 29.04.03)
29.02.01.01.02-5 Aviation gasoline
29.02.01.02-4 Jet fuel
29.02.01.03-5 Kerosene
29.02.01.04-6 Distillate oil
29.02.01.04.01-7 Distillate heating oil
29.02.01.04.02-8 Diesel fuel
29.02.01.05-7 Residual fuel oils
29.02.01.06-8 Refinery gas
29.02.01.06.01-9 Liquefied refinery gas
29.02.02-3 Unfinished oils and base stocks
29.02.02.01-4 Petrochemical feedstocks
29.02.02.01.01-5 Naphtha
29.02.02.01.02-6 Feed stock oils
29.02.02.01.03-7 Petrochemical feedstocks n.e.c.
29.02.02.02-5 Lubricating oil and grease base stocks
29.02.02.02.01-6 Virgin lubricating oil and grease base stocks
29.02.02.02.02-7 Lubricating oil and grease base stocks from
waste oil

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29.02.03-4 Petrolatum (petroleum jelly)
29.02.04-5 Petroleum waxes (solid hydrocarbons)
29.02.05-6 Petroleum solvents (petroleum distillates used for their solvent properties in applications such as dry cleaning solvents and paint thinners)
29.02.06-7 Lubricating oils and greases
29.02.06.01-8 Lubricating oils (oils used for lubricating the bearing parts of machinery)
29.02.06.02-9 Hydraulic and transmission oils
29.02.06.03-0 Electrical insulating oils
29.02.06.04-1 Metalworking oils (includes cutting oils)
29.02.06.05-2 Lubricating greases (a compound of a mineral oil with a soap or other thickener, used for lubricating machinery)
29.02.06.06-3 Lubricating oils and greases n.e.c.
29.02.07-8 Road oils (non-asphaltic; for asphaltic road oils see 29.05.01.04)
29.02.08-9 Petroleum coke
29.02.09-0 Petroleum products n.e.c.

29.03-2 Coal products (excludes chemicals derived from coal, classified in 28; and coke, classified in 33.01.01)
29.03.01-3 Fuel gases and synthetic liquid fuels (derived from coal)
29.03.01.01-4 Fuel gases
29.03.01.01.01-5 Synthesis gas (i.e. low Btu gas)
29.03.01.01.02-6 Pipeline quality gas (i.e. high Btu gas)
29.03.01.02-5 Synthetic liquid fuels from coal
29.03.01.02.01-6 Coal pyrolysis
29.03.01.02.02-7 High pressure hydrogenation
29.03.01.02.03-8 Fisher-Tropsch synthesis (liquid hydrocarbons converted from coal gases)
29.03.01.03-6 Synthetic fuels from coal n.e.c.
29.03.02-4 Fuel briquettes
29.03.03-5 Coal products n.e.c.

29.04-3 Synthetic hydrocarbon fuels except from coal
29.04.01-4 Shale oil
29.04.02-5 Fuels from tar sands
29.04.03-6 Fuels from biomass (includes solid waste fuels, alcohol fuels, and gasohol)

29.05-4 Asphalt and tar products (derived from petroleum and coal; asphalt and tar saturated building materials such as building and roofing paper and boards and asphalt shingles are classified in 26.04; asphalt tile in 32.09.02.02; and asphalt and tar saturated asbestos felts in 32.09.02.04)

29.05.01-5 Asphalt and tar paving products
29.05.01.01-6 Asphalts and asphaltic mixtures
29.05.01.02-7 Bituminous road materials
29.05.01.03-8 Asphalt paving blocks
29.05.01.04-9 Asphaltic road oils
29.05.01.05-0 Asphalt and tar paving products n.e.c.
29.05.02-6 Asphalt construction coatings, cements, and mastics
29.05.03-7 Asphalt and tar products n.e.c.

29.06-5 Nuclear energy products
29.06.01-6 Yellowcake (uranium oxide, U308; uranium compounds for non-fuel uses are classified in 28.01.05.39)
29.06.02-7 Enriched uranium
29.06.03-8 Reprocessed nuclear fuel
29.06.04-9 Heavy water
29.06.05-0 Nuclear fuel elements
29.06.06-1 Isotopes
29.06.07-2 Plutonium
29.06.08-3 Nuclear wastes
29.06.09-4 Nuclear energy products n.e.c.

29.07-6 Energy products n.e.c.

30-0 RUBBER AND PLASTICS PRODUCTS

30.01-1 Rubber products
30.01.01-2 Reclaimed rubber (derived from vulcanized scrap rubber)
30.01.02-3 Tires and inner tubes (includes tire sundries and repair materials; tire retreading and recapping is classified in 70.11.04)
30.01.03-4 Rubber personal wear
30.01.03.01-5 Rubber footwear (e.g., rubber boots)
30.01.03.02-6 Rubber heels and soles
30.01.03.03-7 Rubber clothing (e.g., industrial gloves, household aprons, rainwear)
30.01.04-5 Rubber hose and belting
30.01.04.01-6 Hose and ducting
30.01.04.02-7 Power transmission and conveyer belts
30.01.05-6 Sponge and foam rubber goods (e.g., seat cushions, carpet pads)
30.01.06-7 Rubber floor and wall coverings (e.g., mats, stair treads, tiles)
30.01.07-8 Rubber druggist and medical sundries (e.g., water bottles, infants nipples, household and surgical gloves, prophylactics, diaphragms)
30.01.08-9 Rubber mechanical goods (molded, extruded, and lathe cut rubber mechanical goods; excludes gaskets and seals, classified in 35.06.09)
30.01.08.01-0 Parts for vehicles, machinery and equipment
30.01.08.02-1 Damping devices and mounts
30.01.09-0 Sheet rubber, linings, covered rolls, and rubber film for industrial use
30.01.10-1 Rubber coated fabrics (e.g., for garments, protective coverings, upholstery, tarpaulins, truck covers, and air-supported structures)
30.01.11-2 Inflatable rubber products (e.g., rubber boats, pontoons, life rafts, and balloons, except toy balloons)
30.01.12-3 Stationery sundries (e.g., rubber bands, erasers, rubber brushes)
30.01.13-4 Rubber dipped goods (e.g., coated metal parts)
30.01.14-5 Rubber wire and cable coverings
30.01.15-6 Formulated rubber products (e.g., adhesives, sealants, coatings)
30.01.16-7 Rubber goods n.e.c.

30.02-2 Plastics products (specify an activity from 30.02.16, and, if appropriate, a product from 30.02.01 to 30.02.15)
30.02.01-3 Plastics film and sheeting (except packaging, see 30.02.05 and 30.02.06)
30.02.02-4 Plastics rods, tubes and other stock shapes
30.02.03-5 Plastics apparel (e.g., rainwear)
30.02.04-6 Furniture components and furnishings (e.g., mattress cores, foam seat cushions, carpet cushions, awnings, rigid furniture parts)

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30.02.05-7	Plastics food packaging
30.02.05.01-8	Film
30.02.05.02-9	Trays
30.02.05.03-0	Rigid containers
30.02.05.04-1	Pouches
30.02.05.05-2	Caps and closures
30.02.06-8	Plastics *non-food packaging*
30.02.06.01-9	Film
30.02.06.02-0	Trays and shipping pads
30.02.06.03-1	Barrels and drums
30.02.06.04-2	Rigid containers (except barrels and drums)
30.02.06.05-3	Caps and closures
30.02.07-9	Industrial plastics products (identify with specific application if known, e.g., 37.01.01.01 Automobiles)
30.02.07.01-0	Housings and cabinetry
30.02.07.02-1	Mechanical components and parts
30.02.07.03-2	Foamed insulation and padding
30.02.07.04-3	Industrial plastics products n.e.c.
30.02.08-0	Building and construction plastics products
30.02.08.01-1	Panels, doors, and partitions (metal partitions are classified in 25.06)
30.02.08.02-2	Insulating foams
30.02.08.03-3	Floor, counter, and wall coverings (includes asphalt linoleum and plastics tiles and sheets; asphalt and vinyl asbestos tiles are classified in 32.09.02.02)
30.02.08.04-4	Pipe and fittings
30.02.08.05-5	Plumbing fixtures and parts
30.02.08.06-6	Structural accessories (e.g., moldings, trim, window frames, rain gutters)
30.02.08.07-7	Building and construction plastics products n.e.c.
30.02.09-1	Dinnerware, tableware, and kitchenware (includes disposable dinnerware and cups)
30.02.10-2	Plastics footwear
30.02.11-3	Consumer and institutional plastics products (e.g. utility containers, sponges, ice buckets, plastics hardware, hospitalware, laboratory-ware)
30.02.12-4	Plastics bags and liners
30.02.13-5	Formulated plastics products (e.g., adhesives, coatings)
30.02.14-6	Plastics wire and cable coverings
30.02.15-7	Plastics products n.e.c.
30.02.16-8	Plastics forming processes (should be followed by a product from 30.02.01 to 30.02.15)
30.02.16.01-9	Injection molding
30.02.16.02-0	Extrusion molding
30.02.16.03-1	Compression molding
30.02.16.04-2	Blow molding
30.02.16.05-3	Plastics forming processes n.e.c.

31-1 LEATHER, LEATHER PRODUCTS, AND RELATED NON-LEATHER PRODUCTS
(includes products made of non-leather materials such as vinyl, other plastics, or fabrics that are similar to leather products)

31.01-2 Leather tanning and finishing

31.02-3 Boot and shoe cut stock

31.03-4 Leather products and related non-leather products
(products that are commonly made of leather, but includes such products made of non-leather materials such as vinyl, other plastics, or fabrics; leather apparel is classified in 23)

31.03.01-5 Footwear (except rubber or plastics footwear, see 30.01.03.01 and 30.02.10; includes athletic shoes)

31.03.02-6 Luggage

31.03.03-7 Leather and non-leather furnishings
(belts are classified in 23.01.04)

31.03.03.01-8 Handbags

31.03.03.02-9 Billfolds and wallets

31.03.03.03-0 Leather furnishings n.e.c.

31.03.04-8 Saddles

31.03.05-9 Upholstery leather (identify with type of upholstered product if appropriate)

31.03.06-0 Leather products n.e.c.

32.01-3 Glass (specify an activity from 32.01.01 Glass finishing, and a product from 30.01.02 Flat glass, 32.01.03 Fibrous glass, 32.01.04 Glass containers, or 32.01.05 Glassware)
32.01.01-4 Glass finishing (should be followed by a product from 32.01.02, 32.01.03, 32.01.04, or 32.01.05 when appropriate)
32.01.01.01-5 Chemical treatment (e.g., for acid polishing or staining)
32.01.01.02-6 Glass coating (e.g., enamel, metallic coating)
32.01.01.03-7 Glass finishing n.e.c.
32.01.02-5 Flat glass (should be preceded by an activity from 32.01.01 when appropriate)
32.01.02.01-6 Laminated glass
32.01.02.02-7 Plate and float glass
32.01.02.03-8 Sheet glass (including stained glass)
32.01.02.04-9 Tempered glass
32.01.02.05-0 Flat glass n.e.c.
32.01.03-6 Fibrous glass (should be preceded by an activity from 32.01.01 when appropriate)
32.01.03.01-7 Textile type fiber
32.01.03.02-8 Glass wool
32.01.04-7 Glass containers (should be preceded by an activity from 32.01.01 when appropriate)
32.01.04.01-8 Beverage bottles
32.01.04.01.01-9 Beer bottles
32.01.04.01.02-0 Soft drink bottles
32.01.04.01.03-1 Milk bottles
32.01.04.01.04-2 Beverage bottles n.e.c.
32.01.04.02-9 Food containers, except dairy products
32.01.04.03-0 Dairy products containers, except milk
32.01.04.04-1 Pharmaceutical containers
32.01.04.05-2 Toiletries and cosmetics containers
32.01.04.06-3 Household products containers
32.01.04.07-4 Chemical and industrial containers
32.01.04.08-5 Glass containers n.e.c.
32.01.05-8 Glassware (except containers; should be preceded by an activity from 32.01.01 when appropriate)
32.01.05.01-9 Table and kitchen glassware (e.g., drinking glasses, cookware; includes crystal ware)
32.01.05.02-0 Lighting and electronic glassware (e.g., light bulb blanks, electronic tube blanks, lamp parts)
32.01.05.03-1 Technical, scientific, and industrial glassware
32.01.05.04-2 Ophthalmic lens blanks
32.01.05.05-3 Mirrors
32.01.05.06-4 Glassware n.e.c.
32.01.06-9 Glass products n.e.c.

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32.02-4	Cement, hydraulic
32.02.01-5	Portland cement
32.02.02-6	Hydraulic cement n.e.c.
32.03-5	Concrete products
32.03.01-6	Concrete block and brick
32.03.02-7	Concrete pipe
32.03.03-8	Precast concrete products (e.g., roof and floor slabs, wall panels, septic tanks)
32.03.04-9	Prestressed concrete products
32.03.05-0	Ready-mixed concrete (Portland cement concrete delivered in a plastic and unhardened state)
32.04-6	Lime (e.g., quicklime and hydrated lime produced from limestone and other substances)
32.05-7	Gypsum products
32.05.01-8	Plaster building boards
32.05.02-9	Building plasters
32.05.03-0	Industrial plasters
32.05.04-1	Gypsum products n.e.c.
32.06-8	Structural clay products
32.06.01-9	Brick and structural clay tile
32.06.02-0	Ceramic wall and floor tile
32.06.03-1	Clay refractories (for heat resistance)
32.06.04-2	Vitrified clay sewer pipe and fittings
32.06.05-3	Structural clay products n.e.c.
32.07-9	Ceramics and related products (excludes porcelain electrical supplies, classified in 36.04.03)
32.07.01-0	Vitreous plumbing fixtures (e.g., china and earthenware toilets, sinks, towel racks)
32.07.02-1	Food utensils (includes cookware)
32.07.03-2	Chemical, technical, and industrial pottery ware
32.07.04-3	Art, decorative, and novelty pottery (e.g., vases and ashtrays)
32.07.05-4	Ceramic products n.e.c.
32.08-0	Cut stone and stone products (e.g., building stone, monuments, and paving blocks)
32.09-1	Miscellaneous non-metallic mineral products
32.09.01-2	Abrasive products
32.09.01.01-3	Grains, powders, and flour abrasives and abrasive compounds
32.09.01.02-4	Bonded abrasive products
32.09.01.03-5	Coated abrasive products
32.09.01.04-6	Metal abrasives (e.g., steel grits, steel wool, scouring pads)

32.09.02-3	Asbestos products (excludes gaskets and sealing devices which are classified in 35.06.09)
32.09.02.01-4	Asbestos friction materials (e.g., brake linings)
32.09.02.02-5	Asphalt and vinyl asbestos floor tile
32.09.02.03-6	Asbestos textiles
32.09.02.04-7	Asbestos felts (e.g., asphalt or tar saturated roofing)
32.09.02.05-8	Asbestos insulation (e.g., pipe insulation)
32.09.02.06-9	Asbestos-cement products
32.09.02.06.01-0	Roof tiles
32.09.02.06.02-1	Sheets and wallboard
32.09.02.06.03-2	Pipe
32.09.02.06.04-3	Asbestos-cement products n.e.c.
32.09.03-4	Minerals and earths, ground or treated (e.g., aggregate, slag, vermiculite, clay, graphite)
32.09.04-5	Mineral wool
32.09.04.01-6	Structural insulation
32.09.04.02-7	Industrial and equipment insulation
32.09.05-6	Non-clay refractories
32.09.06-7	Inorganic fibers and crystals
32.09.07-8	Non-metallic mineral products n.e.c.

33-3 METALS AND RELATED PRODUCTS

33.01-4 Basic iron and steel
33.01.01-5 Coke and related products
33.01.01.01-6 Coke (from coal)
33.01.01.02-7 Coke oven gas
33.01.01.03-8 Coke oven products n.e.c. (e.g., screenings, breeze, ammonia, tar, oils)
33.01.02-6 Iron
33.01.02.01-7 Iron and related products
33.01.02.01.01-8 Pig iron and hot metal
33.01.02.01.02-9 Blast furnace gas
33.01.02.01.03-0 Blast furnace products n.e.c. (e.g., slag, sinter)
33.01.02.02-8 Ironmaking processes
33.01.02.02.01-9 Blast furnace ironmaking
33.01.02.02.02-0 Direct reduction ironmaking
33.01.02.02.03-1 Submerged electric arc furnace ironmaking
33.01.02.02.04-2 Ironmaking processes n.e.c.
33.01.03-7 Steel
33.01.03.01-8 Steel ingots and semifinished shapes
33.01.03.02-9 Steelmaking processes
33.01.03.02.01-0 Basic oxygen furnace
33.01.03.02.02-1 Open hearth furnace
33.01.03.02.03-2 Electric furnace
33.01.03.02.04-3 Steelmaking processes n.e.c.
33.01.03.03-0 Steel finished shapes
33.01.03.03.01-1 Steel sheet and strip
33.01.03.03.02-2 Steel bars
33.01.03.03.03-3 Steel structural shapes and piling
33.01.03.03.04-4 Steel pipe and tube
33.01.03.03.05-5 Steel wire
33.01.03.03.06-6 Steel finished shapes n.e.c.
33.01.04-8 Ferroalloys
33.01.04.01-9 Ferrosilicon
33.01.04.02-0 Ferromanganese
33.01.04.03-1 Ferrocolumbium
33.01.04.04-2 Ferronickel
33.01.04.05-3 Ferrochromium
33.01.04.06-4 Ferroalloys n.e.c.
33.01.05-9 Iron and steel castings
33.01.05.01-0 Gray iron castings
33.01.05.02-1 Malleable iron castings
33.01.05.03-2 Steel castings
33.01.05.03.01-3 Alloyed steel castings
33.01.05.03.02-4 Carbon steel castings
33.01.05.04-3 Iron and steel castings n.e.c.

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33.02-5	Basic nonferrous metals
33.02.01-6	Copper
33.02.01.01-7	Primary copper
33.02.01.01.01-8	Copper reverberatory smelting
33.02.01.01.02-9	Other copper smelting (electric smelting, and processes such as Outokumpu, Noranda, Worca, and Mitsubishi)
33.02.01.02-8	Secondary copper (production of copper and copper alloys from scrap)
33.02.01.03-9	Copper finished and semifinished shapes
33.02.01.03.01-0	Copper wire
33.02.01.03.02-1	Copper rods, bars, and other shapes
33.02.01.03.03-2	Copper sheet, strip, and plate
33.02.01.03.04-3	Copper pipe and tube
33.02.01.03.05-4	Copper and copper alloy castings (e.g., bearings, gears, and other castings from brass, bronze, and other copper alloys)
33.02.01.03.06-5	Copper and copper alloy products n.e.c. (includes copper and copper alloy powders)
33.02.02-7	Aluminum
33.02.02.01-8	Primary aluminum
33.02.02.01.01-9	Conventional aluminum smelting (includes aluminum electrolysis Hall-Heroult process)
33.02.02.01.02-0	Nonconventional aluminum smelting (processes such as Alcoa and Alcan)
33.02.02.01.03-1	Aluminum refining
33.02.02.02-9	Secondary aluminum
33.02.02.03-0	Aluminum finished and semifinished shapes
33.02.02.03.01-1	Aluminum wire
33.02.02.03.02-2	Aluminum rods, bars, and structural shapes
33.02.02.03.03-3	Aluminum sheet, strip, and plate
33.02.02.03.04-4	Aluminum tube and pipe
33.02.02.03.05-5	Aluminum foil
33.02.02.03.06-6	Aluminum and aluminum alloy products n.e.c. (e.g., aluminum powders)
33.02.03-8	Lead
33.02.03.01-9	Primary lead
33.02.03.01.01-0	Blast furnace lead production (roasting and subsequent smelting of lead concentrates)
33.02.03.01.02-1	Other primary lead production (Imperial Smelting Process, and other nonconventional smelting by direct reduction)
33.02.03.01.03-2	Lead pyrorefining (pyrometallurgical refining of lead in kettles)
33.02.03.01.04-3	Lead electrorefining
33.02.03.02-0	Secondary lead (recovery of lead from scrap)
33.02.03.03-1	Lead finished and semifinished shapes
33.02.03.03.01-2	Lead sheet, strip, and plate (includes battery plates, and materials for sound and radiation insulation)
33.02.03.03.02-3	Lead sheathing

33.02.03.03.03-4 Lead alloy metals (e.g., solders, type metal, caulking compounds)

33.02.03.03.04-5 Lead pipe and tube (includes collapsible lead tubes, and lead pipe for plumbing applications)

33.02.03.03.05-6 Lead foil

33.02.03.03.06-7 Lead and lead alloy products n.e.c.

33.02.04-9 Zinc

33.02.04.01-0 Primary zinc

33.02.04.01.01-1 Electrolytic zinc production (electrowinning of zinc from oxide and roasted ores by hydrometallurgical processes, such as the Jarosite process)

33.02.04.01.02-2 Pyrometallurgical zinc smelting (smelting of zinc by processes such as the electrothermic retort, the horizontal retort, the vertical retort, the Imperial Smelting Process, and the Sterling Process)

33.02.04.01.03-3 Zinc refining

33.02.04.02-1 Secondary zinc

33.02.04.03-2 Zinc finished and semifinished shapes

33.02.04.03.01-3 Zinc galvanized shapes (metal shapes, other than zinc, that have been treated by zinc galvanization)

33.02.04.03.02-4 Zinc and zinc alloy cast and die-cast shapes

33.02.04.03.02-4 Zinc sheet, strip, and plate

33.02.05-0 Bismuth

33.02.06-1 Cadmium

33.02.07-2 Gold

33.02.08-3 Lithium

33.02.09-4 Magnesium

33.02.10-5 Mercury

33.02.11-6 Silver

33.02.12-7 Sodium

33.02.13-8 Miscellaneous nonferrous metals (antimony, arsenic, platinum and platinum-group metals, tantalum, tin, titanium, cobalt, nickel, vanadium, manganese, and zirconium; metallic elements not classified in 33 are classified in 28.01.06)

34-4 FABRICATED METAL PRODUCTS (Specify an activity from 34.09 Metal processing, and a product from 34.01 to 34.08)

34.01-5 Metal cans and shipping containers (should be preceded by an activity from 34.09 when appropriate)
34.01.01-6 Metal cans
34.01.01.01-7 Food cans (except aerosol)
34.01.01.02-8 Beverage cans (e.g., beer and soft drink cans)
34.01.01.03-9 Nonfood cans (except aerosol)
34.01.01.04-0 Food aerosol cans
34.01.01.05-1 Nonfood aerosol cans
34.01.02-7 Metal shipping barrels, drums, kegs, and pails
34.01.02.01-8 Food barrels, drums, kegs, and pails
34.01.02.02-9 Nonfood barrels, drums, kegs, and pails

34.02-6 Metal forgings and stampings (except containers formed by stamping, see 34.01; should be preceded by an activity from 34.09 when appropriate)
34.02.01-7 Iron and steel forgings
34.02.02-8 Nonferrous forgings
34.02.02.01-9 Aluminum and aluminum-based alloy forgings
34.02.02.02-0 Nonferrous forgings n.e.c.
34.02.03-9 Crowns and closures (for glass and metal containers)
34.02.04-0 Metal stampings n.e.c., (e.g., nonautomotive job stampings, stamped and spun kitchen utensils, stamped and pressed vitreous enameled products)

34.03-7 Fabricated structural metal products (should be preceded by an activity from 34.09 when appropriate)
34.03.01-8 Fabricated structural metal (e.g., for buildings, bridges, ships, transmission towers, radio towers, offshore oil and gas platforms, and tunneling and subway work)
34.03.02-9 Metal doors, sash, door and window frames, and trim
34.03.03-0 Fabricated plate work (e.g., heat exchangers, steam condensers, power boilers, gas cylinders, metal tanks and vessels, and fabricated steel plate)
34.03.04-1 Sheet metal work (e.g., culverts, flumes, irrigation pipe, roofing and roof drainage equipment, ductwork, metal flooring and siding; installation of sheet metal work is classified in 15.03.11)
34.03.05-2 Architectural and ornamental metalwork (e.g., heating and air conditioning registers, fences, gates, fire escapes, metal studs)
34.03.06-3 Prefabricated metal buildings and components
34.03.07-4 Metalwork n.e.c. (e.g., concrete reinforcing bar and bar joists, and miscellaneous metal building materials)

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34.04-8 Screw machine products and fasteners (should be preceded by an activity from 34.09 when appropriate)

34.04.01-9 Screw machine products (nonstandard items made for specialized applications)

34.04.02-0 Bolts, nuts, screws, rivets, washers, and other standard fasteners

34.05-9 Heating equipment (except electric and warm air furnaces) and plumbing fixtures (should be preceded by an activity from 34.09 when appropriate)

34.05.01-0 Metal sanitary ware (enameled iron, cast iron, and pressed metal plumbing fixtures, e.g., bathtubs, toilets, sinks)

34.05.02-1 Plumbing fixtures and trim (brass goods)

34.05.03-2 Heating equipment (except electric and warm air furnaces; electric heaters are classified in 36.03.07, warm air furnaces in 35.09.03.01, and heat pumps in 35.09.03.02)

34.05.03.01-3 Boilers

34.05.03.02-4 Radiators

34.05.03.03-5 Heating furnaces (except warm air)

34.05.03.04-6 Domestic heating stoves

34.05.03.05-7 Solar heating equipment

34.05.03.06-8 Heating equipment n.e.c.

34.06-0 Cutlery, hand tools, and general hardware (should be preceded by an activity from 34.09 when appropriate)

34.06.01-1 Cutlery

34.06.01.01-2 Table and kitchen cutlery

34.06.01.02-3 Cutlery n.e.c. (e.g., scissors, shears, trimmers, snips, razors and razor blades)

34.06.02-2 Hand and edge tools (e.g., pliers, hammers, wrenches, handsaws, screwdrivers, axes, knives, shovels, hoes, rakes; power driven tools are classified in 35)

34.06.03-3 Hardware (except cutlery and hand tools)

34.06.03.01-4 Furniture hardware (e.g., handles, drawer slides, casters)

34.06.03.02-5 Builders hardware (e.g., locks, door and window hardware, door hangers and tracks)

34.06.03.03-6 Hardware n.e.c.

34.07-1 Ordnance and accessories, except vehicles and guided missiles (combat vehicles are classified in 37.01.01.05, and guided missiles in 37.06; should be preceded by an activity from 34.09 when appropriate)

34.07.01-2 Small arms ammunition (30 mm and under)

34.07.02-3 Ammunition (except for small arms)

34.07.03-4 Small arms (e.g., pistols, rifles, shotguns, machine-guns)

34.07.04-5 Ordnance and accessories n.e.c. (e.g., howitzers, mortars, rocket projectors and flame throwers)

34.08-2 Miscellaneous fabricated metal products (should be preceded by an activity from 34.09 when appropriate)

34.08.01-3 Steel springs (except wire, see 34.08.03; includes hot and cold formed coil and leaf springs)

34.08.02-4 Valves and pipe fittings (except plumbers brass goods, which are classified in 34.05.02)

34.08.02.01-5 Automatic regulating and control valves

34.08.02.02-6 Pneumatic and hydraulic valves for power transfer

34.08.02.03-7 Plumbing and heating valves and specialties (except plumbers brass goods)

34.08.02.04-8 Metal valves for piping systems and equipment n.e.c. (except plumbing and heating valves)

34.08.02.05-9 Metal fittings, flanges and unions for piping systems

34.08.02.06-0 Fittings and assemblies for tubing and hose (except plumbers brass goods)

34.08.02.07-1 Air ventilating valves

34.08.03-5 Wire springs (e.g., for upholstery, valves)

34.08.04-6 Fabricated wire products n.e.c. (e.g., wire cables, screening, fencing, nails, barbed wire, concrete reinforcing mesh, paperclips)

34.08.05-7 Metal foil and leaf

34.08.05.01-8 Converted aluminum foil packaging products (not laminated to other materials)

34.08.05.02-9 Laminated aluminum foil rolls and sheets for packaging use

34.08.05.03-0 Converted aluminum foil for non-packaging applications

34.08.05.04-1 Metal foil and leaf n.e.c.

34.08.06-8 Cast metal cookware (for stamped metal cookware see 34.02.04)

34.08.07-9 Mintage other than money (for mintage of money see 90.03.01)

34.08.08-0 Fabricated metal products n.e.c. (e.g., safes and vaults, collapsible tubes, flat metal strapping, permanent magnets, and steel boxes for packaging)

34.09-3	Metal processing (should be followed by a product from 34.01 to 34.08 when appropriate, or if applicable, with other products such as 37.01.01 Motor vehicles, or 33.01.05.03 Steel castings)
34.09.01-4	Electroplating, plating, anodizing, and polishing
34.09.02-5	Etching and engraving
34.09.03-6	Brazing, welding, soldering, and adhesive bonding
34.09.04-7	Machining
34.09.05-8	Galvanizing and other hot dip coatings
34.09.06-9	Metal coatings n.e.c. (painting, lacquering, enameling, rust inhibiting coatings)
34.09.07-0	Surface cleaning and conditioning (e.g., descaling, rust removal; excludes degreasing, see 95.02.11)
34.09.08-1	Metal processing n.e.c.

35-5 MACHINERY (other than electrical and electronic equipment and transportation equipment; machines powered by electric motors are included with the exception of household appliances, computers, and office equipment, which are classified in 36; includes parts and attachments)

35.01-6 Engines and turbines (excludes electric generation equipment)

35.01.01-7 Turbines (includes steam, gas and hydraulic turbines used for mechanical drive; turbine-generator sets are classified in 36.01.01, and aircraft turbine engines in 37.02.02)

35.01.02-8 Steam engines

35.01.03-9 Reciprocating engines n.e.c. (includes gasoline, diesel and gas engines, and outboard motors; except automotive and aircraft engines, which are classified in 37.01 and 37.02)

35.01.04-0 Engines n.e.c. (e.g., Stirling engines, Wankel engines, excluding automotive engines, see 37.01.02)

35.02-7 Farm and garden machinery

35.02.01-8 Farm machinery and equipment (e.g., wheel tractors and attachments, dairy machines, sprayers and dusters, elevators, blowers, planting, seeding and fertilizing machinery, plowing, cultivating and harvesting equipment; farm hand tools are classified in 34.06.02)

35.02.02-9 Lawn and garden machinery (e.g., mowers, powered lawn lawn and garden tools; hand tools are classified in 34.06.02)

35.03-8 Construction, mining, and materials handling machinery and equipment

35.03.01-9 Construction machinery (includes heavy machinery and equipment such as bulldozers, concrete mixers, tractors, shovel loaders, power cranes, draglines, shovels, scrapers, graders, rollers, off-highway trucks and trailers)

35.03.02-0 Mining machinery (e.g., underground mining and mineral beneficiation machinery and equipment, crushing, pulverizing and screening machinery)

35.03.03-1 Oil field machinery (includes oilfield and gasfield drilling machinery and equipment, production machinery and equipment, and other oilfield and gasfield machinery and tools; excludes pumps, see 35.06.01)

35.03.04-2 Water well drilling machinery

35.03.05-3	Materials handling equipment
35.03.05.01-4	Elevators, escalators, and moving walkways
35.03.05.02-5	Conveyors and conveying equipment
35.03.05.03-6	Hoists, cranes, and monorails (overhead industrial cranes, hoists, and monorail systems for installation in industrial and commercial establishments)
35.03.05.04-7	Industrial trucks, tractors, trailers and stackers (used for handling materials)
35.03.05.05-8	Materials handling equipment n.e.c.
35.04-9	Metalworking machinery
35.04.01-0	Machine tools, metal cutting types (e.g., lathes, drilling machines)
35.04.02-1	Machine tools, metal forming types (e.g., punching and stamping machines)
35.04.03-2	Special dies, tools, jigs, and fixtures
35.04.04-3	Machine tool accessories (e.g., small cutting tools for machine tools and metalworking machinery, precision measuring tools)
35.04.05-4	Rolling mill machinery
35.04.06-5	Metalworking machinery n.e.c. (e.g., gas welding and cutting apparatus, automotive maintenance equipment, and machines for wire weaving and fabricating)
35.05-0	Special industry machinery and equipment
35.05.01-1	Food products machinery (e.g., pasteurizers, choppers and grinders, canning machinery, meat and poultry processing machinery, and packaging and bottling machinery)
35.05.02-2	Textile machinery (e.g., carding and combing machinery, knitting and weaving machinery, bleaching and dyeing machinery)
35.05.03-3	Woodworking machinery (e.g., sawing equipment, plywood-maknng machinery, jointers, planers, mortisers)
35.05.04-4	Pulp and paper industries machinery (e.g., barkers and chippers, bleaching equipment, digesters, beaters, calenders, bagmaking machinery)
35.05.05-5	Printing trades machinery (e.g., printing presses, typesetting machinery, binding machinery, papercutting machinery, lithographic plates)
35.05.06-6	Chemical industries and petroleum refineries machinery (e.g., distillation equipment, evaporators, solid-liquid and gas-liquid separators, filtering devices, dryers)

35.05.07-7	Foundry machinery (e.g., foundry pouring equipment, molding machinery, flasks, core-making machinery, blast-cleaning machinery)
35.05.08-8	Plastics-working machinery (e.g., compression, injection, and blow molding machinery, extrusion machinery, thermoforming machinery, granulators, pelletizers)
35.05.09-9	Rubber-working machinery (e.g., high intensity solids mixers, extruding machinery, vulcanizing presses, tire-building equipment)
35.05.10-0	Special industry machinery n.e.c. (e.g., smelting and refining, cement making, glassworking, and metal cleaning machinery and equipment)
35.06-1	General industrial machinery and equipment
35.06.01-2	Pumps and pumping equipment
35.06.02-3	Bearings (ball bearings, roller bearings, and other bearings)
35.06.03-4	Compressors and vacuum pumps
35.06.04-5	Blowers and fans
35.06.05-6	Industrial speed changers, drives, and gears
35.06.06-7	Industrial furnaces, ovens, and kilns
35.06.07-8	Mechanical power transmission equipment n.e.c.
35.06.08-9	General industrial machinery n.e.c. (e.g., nonfood packing and packaging machinery, filters and strainers, automatic fire sprinkler equipment; for food packaging machinery, see 35.05.01)
35.06.09-0	Gaskets and seals
35.07-2	Power driven hand tools (electric and nonelectric, e.g., pneumatic)
35.07.01-3	Drills
35.07.02-4	Saws
35.07.03-5	Sanders
35.07.04-6	Power driven hand tools n.e.c.
35.08-3	Service machinery
35.08.01-4	Vending machines
35.08.02-5	Commercial laundry, dry cleaning, and pressing machines
35.08.03-6	Measuring and dispensing pumps (e.g., for gasoline, oil and grease)
35.08.04-7	Commercial cooking and food warming equipment
35.08.05-8	Service industry machinery n.e.c. (e.g. water softeners, commercial floor waxing and polishing machines, sewage purification equipment, and commercial and industrial vacuum cleaners)

35.09-4 Refrigeration, air conditioning, and warm air heating equipment

35.09.01-5 Refrigeration equipment (e.g., commercial refrigeration and freezers, truck and rail refrigeration units, refrigerated food cases, ice making machines, water coolers, dairy milk coolers; excludes home refrigerators and freezers, which are classified in 36.03.02)

35.09.02-6 Air conditioning equipment (for industrial, commercial and residential use)

35.09.02.01-7 Room air conditioners

35.09.02.02-8 Unitary air conditioners

35.09.02.03-9 Motor vehicle air conditioners

35.09.03-7 Warm air heating equipment (for industrial, commercial, and residential use)

35.09.03.01-8 Warm air furnaces (includes electric)

35.09.03.02-9 Heat pumps

35.10-5 Non-electrical machinery n.e.c.

36-6 ELECTRICAL AND ELECTRONIC EQUIPMENT (Machinery, equipment, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electric energy; includes communication equipment, household appliances, computers, and office equipment; industrial machinery and equipment powered by electric motors are classified in 35)

36.01-7 Electric power equipment
36.01.01-8 Electric power generating equipment (power plant construction is classified in 15.01.02)
36.01.01.01-9 Thermal generating equipment (driven by steam from combustion or nuclear heat; includes steam turbines and generators; power boilers are classified in 34.03.03)
36.01.01.02-0 Hydroelectric generating equipment (includes turbines, pump-turbines, generators and motor-generators)
36.01.01.03-1 Nuclear reactors (associated generating equipment is classified in 36.01.01.01)
36.01.01.04-2 Diesel electric generators (diesel engines that drive the generators are classified in 35.01.03)
36.01.01.05-3 Gas turbine generators
36.01.01.06-4 Solar electric generating equipment (includes solar collectors and generators)
36.01.01.07-5 Electric power generating equipment n.e.c.
36.01.02-9 Transformers
36.01.02.01-0 Power and distribution transformers (includes liquid-immersed and dry type utility distribution transformers, large and small power transformers, and secondary unit substation transformers)
36.01.02.02-1 Fluorescent lamp ballasts
36.01.02.03-2 Specialty transformers (except fluorescent lamp ballast; includes transformers for signalling, doorbells, toys, machine controls, furnace ignition, mercury and sodium vapor lamps, instrument applications, and commercial and industrial general purpose transformers)
36.01.02.04-3 Power regulators, reactors, boosters, and transformers n.e.c.
36.01.03-0 Switchgear and switchboard apparatus
36.01.03.01-1 Switchgear (except ducts and relays)
36.01.03.02-2 Power circuit breakers
36.01.03.03-3 Panelboards and switches
36.01.03.04-4 Fuses and fuse equipment
36.01.03.05-5 Low voltage circuit breakers
36.01.03.06-6 Duct and busways

36.01.03.07-7 Control circuit relays
36.01.03.08-8 Electric power surge controls
36.01.03.09-9 Switchgear n.e.c.

36.02-8 Electrical industrial apparatus
36.02.01-9 Motors and generators (for industrial, transportation, and control applications; excludes electric power generating equipment, which is classified in 36.01.01)
36.02.02-0 Industrial controls (e.g., motor starters and controllers, electronic controls, control accessories)
36.02.03-1 Electric welding apparatus
36.02.04-2 Carbon and graphite products for electrical applications
36.02.04.01-3 Electrodes
36.02.04.02-4 Brushes
36.02.04.03-5 Carbon and graphite products n.e.c. (e.g., contacts, brush plates, welding rods, resistance elements, bushings and bearings)
36.02.05-3 Capacitors for industrial use
36.02.06-4 Rectifying apparatus
36.02.07-5 Condensers
36.02.08-6 Electrical industrial apparatus n.e.c.

36.03-9 Household appliances
36.03.01-0 Cooking equipment (includes household ranges, surface cooking units, and ovens, both electric and nonelectric, and outdoor cooking equipment; commercial cooking equipment is classified in 35.08.04)
36.03.02-1 Refrigerators and freezers (commercial refrigeration equipment is classified in 35.09.01)
36.03.03-2 Laundry equipment (commercial laundry equipment is classified in 35.08.02)
36.03.04-3 Small household appliances (e.g., fans, electric blankets, blenders, food processors, clothes irons, hot plates, toasters, coffeemakers, electric razors, and shavers)
36.03.05-4 Vacuum cleaners
36.03.06-5 Sewing machines
36.03.07-6 Electric heaters (portable, baseboard, or wall units)
36.03.08-7 Household appliances n.e.c. (e.g., water heaters, dishwashing machines, waste disposers)

36.04-0 Electric lighting and wiring equipment
36.04.01-1 Electric lamps (electric bulbs, tubes and related light sources including photoflash units; excludes lighting fixtures and other lamp components, which are classified in 36.04.04, 36.04.05, 36.04.06, and 36.04.07)

36.04.02-2	Current-carrying wiring devices (e.g., attachment plugs, outlets, lamp sockets, switches, bus bars, lightning rods)
36.04.03-3	Noncurrent-carrying wiring devices (e.g., electrical insulators and insulating materials, electrical conduit and fittings)
36.04.04-4	Residential lighting fixtures (includes lamps and lamp shades)
36.04.05-5	Commercial and institutional lighting fixtures
36.04.06-6	Industrial lighting fixtures
36.04.07-7	Street and highway lighting luminaries
36.04.08-8	Vehicular lighting equipment (e.g., motor vehicle headlights, vehicle interior lights)
36.04.09-9	Lighting equipment n.e.c. (e.g., outdoor lighting equipment, hand portable equipment, non-electric lighting equipment, and ultraviolet infrared health lamp fixtures)
36.05-1	Consumer electronics
36.05.01-2	Radios (household, portable and auto radios, and radiophonograph combinations)
36.05.02-3	Television sets
36.05.03-4	Audio systems and components
36.05.03.01-5	Phonographs
36.05.03.02-6	Tape recorders and players
36.05.03.03-7	Audio components (e.g., tuners, speakers, microphones, amplifiers, turntables; includes commercial sound systems)
36.05.03.04-8	Electronic equipment kits (for assembly by the consumer)
36.05.03.05-9	Audio systems and components n.e.c.
36.05.04-5	Video home recorders and players
36.05.05-6	Electronic games
36.05.06-7	Records and tapes
36.05.06.01-8	Phonograph records
36.05.06.02-9	Audio and video tape
36.05.06.03-0	Video discs
36.05.07-8	Consumer electronics n.e.c.
36.06-2	Communication equipment
36.06.01-3	Telephone and telegraph apparatus
36.06.01.01-4	Telephone switching and switchboard equipment
36.06.01.02-5	Telephone sets
36.06.01.03-6	Telephone and telegraph apparatus, equipment and components n.e.c. (e.g., telephone carrier and repeating equipment, teleprinter units, telegraph switching and carrier equipment, and data sets)

36.06.02-4 Radio and television communication equipment
36.06.02.01-5 Commercial, industrial, and military communication equipment (except telephone equipment)
36.06.02.02-6 Radio and television broadcast equipment, and closed circuit systems
36.06.02.03-7 Intercommunication equipment, signal, and alarm systems (includes traffic control systems; excludes telephone and telegraph intercommunication equipment)
36.06.02.04-8 Microwave and mobile telephone communication equipment
36.06.02.05-9 Space satellite-borne communications systems
36.06.02.06-0 Citizens radio communications equipment
36.06.02.07-1 Radio and television communications equipment n.e.c.
36.06.03-5 Communication equipment n.e.c. (e.g., fiber optics and laser communication equipment)

36.07-3 Search and detection, navigation, and guidance systems and equipment
36.07.01-4 Electronic navigational aids (missile-borne and space vehicle-borne navigation and guidance equipment)
36.07.02-5 Electronic search and detection apparatus (including infrared, radar, and sonar)
36.07.03-6 Electronic warfare systems

36.08-4 Office and computing equipment
36.08.01-5 Computers and auxiliary equipment
36.08.01.01-6 Computers (except auxiliary equipment)
36.08.01.02-7 Magnetic storage media (e.g., magnetic tape, disks)
36.08.01.03-8 Computer auxiliary equipment (e.g., computer terminals, printers; excludes magnetic storage media, see 36.08.01.02)
36.08.02-6 Calculators, accounting machines, and cash registers
36.08.02.01-7 Calculators (includes adding machines and electronic calculators)
36.08.02.02-8 Accounting and bookkeeping machines
36.08.02.03-9 Cash registers (both mechanical and electronic)
36.08.03-7 Typewriters and word processors (includes mechanical typewriters)
36.08.04-8 Office copiers and duplicating machines
36.08.05-9 Office equipment n.e.c.

36.09-5 Electronic military, industrial, and commercial systems n.e.c.

36.10-6 Electronic components and accessories
36.10.01-7 Electron tubes (except cathode ray tubes)
36.10.02-8 Cathode ray tubes
36.10.02.01-9 Cathode ray television picture tubes
36.10.02.02-0 Cathode ray tubes (except television tubes)

36.10.03-9	Semiconductors and related devices
36.10.03.01-0	Integrated and hybrid microcircuits
36.10.03.02-1	Transistors
36.10.03.03-2	Diodes and rectifiers
36.10.03.04-3	Optoelectronic devices
36.10.03.05-4	Microwave semiconductors n.e.c.
36.10.03.06-5	Semiconductor devices n.e.c. (e.g., solar cells, zener diodes, semiconductor parts)
36.10.04-0	Electronic capacitors
36.10.05-1	Electronic resistors
36.10.06-2	Electronic coils and transformers (except for power transmission, see 36.01.02)
36.10.07-3	Electronic connectors
36.10.08-4	Electronic components n.e.c.
36.11-7	Miscellaneous electrical equipment and supplies
36.11.01-8	Storage batteries
36.11.02-9	Primary batteries (wet and dry)
36.11.03-0	X-ray apparatus and parts
36.11.04-1	Electrical equipment for internal combustion engines (e.g., ignition harness and cable sets, battery charging generators, starting motors, ignition coils, spark plugs, distributors)
36.11.05-2	Miscellaneous electrical equipment and supplies n.e.c. (e.g., lamp bulb components, Christmas tree lights, electric chimes)

37-7 TRANSPORTATION EQUIPMENT (applies to the manufacture of the equipment; transportation operations and maintenance are classified in 40.01)

37.01-8 Motor vehicles and parts
37.01.01-9 Motor vehicles
37.01.01.01-0 Automobiles (includes utility vehicles)
37.01.01.02-1 Trucks (includes truck tractors and truck trailers)
37.01.01.03-2 Buses (except trolley buses, see 37.04.03) and fire department vehicles
37.01.01.04-3 Motor homes
37.01.01.05-4 Combat vehicles (tanks, self-propelled weapons, and other tactical vehicles and carriers)
37.01.02-0 Motor vehicle parts and accessories n.e.c. (motors and generators are classified in 36.02.01, vehicular lighting equipment in 36.04.08, electrical ignition systems in 36.11.04, and vehicle seat covers and trimming in 23.03.01)

37.02-9 Aircraft and parts
37.02.01-0 Aircraft
37.02.01.01-1 Military aircraft
37.02.01.02-2 General aviation aircraft
37.02.01.03-3 Commercial transport aircraft
37.02.01.04-4 Modifications, conversions, and overhaul of aircraft and engines
37.02.01.05-5 Aircraft research and development
37.02.02-1 Aircraft engines and engine parts
37.02.02.01-2 Aircraft engines
37.02.02.02-3 Aircraft engine parts and accessories
37.02.03-2 Aircraft parts and accessories (except engines, see 37.02.02)

37.03-0 Ship and boat building and repairing
37.03.01-1 Ship building and repairing (military and commercial)
37.03.01.01-2 Nonpropelled ships (e.g., barges, dredges)
37.03.01.02-3 Commercial self-propelled ships
37.03.01.03-4 Military ships
37.03.01.04-5 Ship repair (in ship yards)
37.03.02-2 Boat building
37.03.02.01-3 Motorboats (inboard and outboard, except houseboats)
37.03.02.02-4 Boats (sailboats, rowboats, canoes, houseboats; excludes motorboats, see 37.03.02.01)
37.03.03-3 Ship propulsion systems
37.03.03.01-4 Conventional propulsion systems (turbine, diesel)
37.03.03.02-5 Nuclear propulsion systems
37.03.04-4 Ship auxiliary systems and equipment

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37.04-1 Railroad equipment

37.04.01-2 Locomotives, self-propelled units, and parts

37.04.02-3 Passenger and freight train cars

37.04.03-4 Rail transit cars, trolley buses, and other light rail vehicles

37.04.04-5 Parts and accessories for railroad and rail transit cars

37.05-2 Motorcycles, bicycles, adult tricycles, and parts (excludes children's tricycles, see 39.04.03)

37.05.01-3 Bicycles and parts

37.05.02-4 Motorcycles and parts

37.05.03-5 Mopeds and parts

37.06-3 Guided missiles, space vehicles and parts

37.06.01-4 Guided missiles and space vehicles

37.06.01.01-5 Missile and space vehicle systems

37.06.01.02-6 Missile and space vehicle research and development

37.06.02-5 Missile and space propulsion units and parts

37.06.03-6 Missile and space vehicle parts and accessories (except propulsion, see 37.06.02)

37.07-4 Miscellaneous transportation equipment

37.07.01-5 Travel trailers and campers (mobile homes are classified in 24.08)

37.07.02-6 Off-road vehicles (e.g., dune buggies, trail bikes)

37.07.03-7 Miscellaneous transportation equipment, n.e.c. (e.g., golf carts, snowmobiles, wheelbarrows, boat trailers)

38-8 INSTRUMENTS AND RELATED PRODUCTS

38.01-9 Engineering and scientific instruments
38.01.01-0 Aerospace instruments and controls (e.g., navigational instruments, gyroscopes, and automatic pilots)
38.01.02-1 Laboratory and scientific instruments (except optical, classified in 38.03)
38.01.03-2 Surveying and drafting instruments
38.01.04-3 Laboratory furniture

38.02-0 Measuring and controlling devices
38.02.01-1 Automatic temperature controls
38.02.02-2 Process control instruments (includes industrial instruments for measurement, display, and control of process variables)
38.02.03-3 Meters and counting devices (e.g., gas meters, gasoline dispensing meters, speedometers)
38.02.04-4 Test and measuring equipment (includes integrating instruments, test equipment, and all other electrical measuring instruments)
38.02.05-5 Measuring and controlling devices n.e.c. (e.g., aircraft engine instruments; physical properties testing and inspection equipment; commercial, meteorological and general purpose instruments; and nuclear radiation detection and monitoring instruments)

38.03-1 Optical instruments (e.g., lasers, fiber optics devices, optical analytical instruments, binoculars, optical sighting and fire control equipment)

38.04-2 Medical instruments and supplies
38.04.01-3 Surgical and medical instruments and apparatus
38.04.01.01-4 Surgical and medical instruments (e.g., suture needles, eye, ear, nose and throat instruments, bone drills, hypodermic syringes and needles)
38.04.01.02-5 Medical monitoring and diagnostic equipment (e.g., electrocardiographs, blood pressure apparatus, ophthalmoscopes, cystoscopes)
38.04.01.03-6 Therapeutic equipment (e.g., kidney dialysis equipment, defibrillators, respirators)
38.04.01.04-7 Surgical and medical apparatus n.e.c. (e.g., anesthesia apparatus, sterilizers, clinical laboratory equipment)
38.04.02-4 Medical appliances and supplies
38.04.02.01-5 Surgical supplies (e.g., surgical dressings and sutures)
38.04.02.02-6 Orthopedic and prosthetic appliances (e.g., braces, crutches, wheel chairs, artificial limbs, pacemakers, hearing aids)
38.04.02.03-7 Medical appliances and supplies n.e.c. (e.g., first aid kits)

38.04.03-5	Dental equipment and supplies
38.05-3	Ophthalmic goods
38.05.01-4	Eyeglasses
38.05.02-5	Contact lenses
38.05.03-6	Ophthalmic goods n.e.c. (e.g., industrial goggles, magnifying glasses)
38.06-4	Photographic equipment and supplies
38.06.01-5	Still picture equipment
38.06.01.01-6	Cameras
38.06.01.02-7	Light meters
38.06.01.03-8	Flash units
38.06.01.04-9	Projectors
38.06.01.05-0	Film processing equipment
38.06.01.06-1	Camera lenses
38.06.01.07-2	Still picture equipment n.e.c.
38.06.02-6	Motion picture equipment (includes cameras, projectors, screens, and processing equipment)
38.06.03-7	Microfilming, blueprinting, brownprinting, and white printing equipment
38.06.04-8	Photographic film and sensitized plates (except X-ray, see 38.06.08; includes motion picture film)
38.06.05-9	Sensitized photographic paper and cloth (silver halide type)
38.06.06-0	Sensitized photographic paper and cloth (other than silver halide type; includes blueprint type, diazo type, and brownprinting type paper and cloth, and sensitized paper for photocopy processes)
38.06.07-1	Prepared photographic chemicals
38.06.08-2	X-ray film
38.07-5	Watches and clocks

39-9 MISCELLANEOUS MANUFACTURED PRODUCTS

39.01-0 Jewelry
39.01.01-1 Precious metal jewelry
39.01.02-2 Costume jewelry
39.01.03-3 Jewelers' materials and lapidary works

39.02-1 Silverware, plated ware, and stainless steel ware (hollow ware and flatware made of silver, nickel silver, pewter, or stainless steel; or metal plated with silver, gold, or other metal)
39.02.01-2 Hollow ware (e.g., teapots, pitchers; includes toilet-ware, ecclesiastical ware, and related products)
39.02.02-3 Flatware (knives, forks, spoons, and carving sets)

39.03-2 Musical instruments
39.03.01-3 Pianos and organs
39.03.02-4 Wind instruments except organs and accordions
39.03.03-5 Musical instruments n.e.c.

39.04-3 Toys, games, and children's vehicles
39.04.01-4 Dolls
39.04.02-5 Games and puzzles
39.04.03-6 Children's vehicles (e.g., baby carriages, tricycles; excludes bicycles, which are classified in 37.05.01)
39.04.04-7 Infants' toys (e.g., rattles)
39.04.05-8 Toys n.e.c. (e.g., doll houses, toy trains, blocks, toy balloons)

39.05-4 Sporting and athletic goods
39.05.01-5 Fishing equipment
39.05.02-6 Golf equipment
39.05.03-7 Football equipment
39.05.04-8 Basketball equipment
39.05.05-9 Tennis equipment
39.05.06-0 Baseball equipment
39.05.07-1 Playground equipment
39.05.08-2 Sporting and athletic goods n.e.c. (e.g., gymnastic equipment, pool tables, bowling balls, skis, wading pools; excludes athletic clothing, see 23.01.01.01.11 and 23.01.02.01.10, and and shoes, see 31.03.01)

39.06-5	Hobby, crafts, and art supplies
39.06.01-6	Hobby supplies
39.06.01.01-7	Powered models (e.g., remote controlled airplanes, electrically operated model trains, operating model cars)
39.06.01.02-8	Static models and kits (e.g., model airplane kits)
39.06.01.03-9	Science kits and sets (e.g., chemistry sets)
39.06.01.04-0	Hobby supplies n.e.c.
39.06.02-7	Craftwork supplies
39.06.02.01-8	Macrame supplies
39.06.02.02-9	Ceramics craftwork supplies
39.06.02.03-0	Leather craftwork supplies
39.06.02.04-1	Metal craftwork supplies
39.06.02.05-2	Plastics craftwork supplies
39.06.02.06-3	Woodworking supplies
39.06.02.07-4	Needlework supplies
39.06.02.08-5	Craftwork supplies n.e.c.
39.06.03-8	Art supplies
39.06.03.01-9	Art equipment (e.g., brushes, drawing tables, palettes; excludes art materials)
39.06.03.02-0	Artists' pigments, paints, pastels, and inks
39.06.03.03-1	Modeling clay and modeling and sculpting materials
39.06.03.04-2	Artists' crayons
39.06.03.05-3	Art materials n.e.c.
39.07-6	Pens, pencils, and office supplies
39.07.01-7	Pens and mechanical pencils
39.07.02-8	Lead pencils
39.07.03-9	Marking devices (e.g., rubber stamps, stencils, stamp pads)
39.07.04-0	Inked ribbons (e.g., for typewriters and computers)
39.08-7	Notions (excludes trade sales thread and yarn, which are classified in 22.02)
39.08.01-8	Artificial flowers
39.08.02-9	Buttons
39.08.03-0	Needles, pins, and fasteners
39.08.04-1	Decorative trim
39.08.05-2	Notions n.e.c.
39.09-8	Other miscellaneous manufactured products
39.09.01-9	Brooms and brushes
39.09.02-0	Signs and advertising displays
39.09.03-1	Burial caskets
39.09.04-2	Fire extinguishers
39.09.05-3	Matches
39.09.06-4	Candles
39.09.07-5	Furs (dressed and dyed)
39.09.08-6	Umbrellas, parasols, and canes
39.09.09-7	Christmas tree ornaments (excludes lights, see 36.11.05)
39.09.10-8	Coin-operated amusement equipment

39.09.11-9	Smoking accessories (e.g., pipes, cigar holders, lighters)
39.09.12-0	Pet supplies (e.g., feeding dishes, brushes, collars, leashes; excludes pet food, see 20.01.02)
39.09.13-1	Wigs and accessories
39.09.14-2	Personal industrial safety equipment (e.g., respiratory protection equipment, face protective devices; eye protection devices are classified in 38.05.03)
39.09.15-3	Vacuum and insulated bottles, jugs, chests
39.09.16-4	Miscellaneous manufactured products n.e.c.

40-0 TRANSPORTATION, COMMUNICATIONS, UTILITIES, AND POLLUTION CONTROL
(Applies to the conduct of operations and maintenance in these functions; construction of the facilities is classified in 15, and the manufacture of the equipment and supplies is classified in the various manufacturing categories)

40.01-1 Transportation
40.01.01-2 Railroads
40.01.02-3 Passenger transit
40.01.03-4 Trucking and warehousing
40.01.03.01-5 Trucking
40.01.03.02-6 Warehousing
40.01.03.02.01-7 Grain storage
40.01.03.02.02-8 Cold storage
40.01.03.02.03-9 Chemical and petroleum product storage
40.01.03.02.04-0 Warehousing n.e.c.
40.01.04-5 Water transportation
40.01.05-6 Air transportation
40.01.06-7 Pipelines

40.02-2 Communications
40.02.01-3 Telecommunications
40.02.02-4 Radio and television broadcasting
40.02.03-5 Satellite communications

40.03-3 Electric power utilities
40.03.01-4 Electric power generation
40.03.02-5 Electric power transmission and distribution

40.04-4 Gas utilities
40.04.01-5 Gas storage and liquefaction
40.04.02-6 Gas transmission and distribution

40.05-5 Water supply and use (excludes drinking water treatment sludges, see 40.06.02.02.02)
40.05.01-6 Water purification
40.05.02-7 Water softening
40.05.03-8 Water fluoridation
40.05.04-9 Water treatment n.e.c.

40.06-6 Pollution control
40.06.01-7 Air pollution control
40.06.01.01-8 Stack gas cleaning
40.06.01.02-9 Residue treatment (includes sludge)
40.06.01.03-0 Gaseous emission treatment n.e.c.
40.06.02-8 Liquid waste treatment
40.06.02.01-9 Non-water liquid waste treatment (includes oil-carrier and Carver-Greenfield processes)

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40.06.02.02-0 Waste water and waste water residue treatment
40.06.02.02.01-1 Waste water treatment
40.06.02.02.02-2 Waste water residue treatment (includes drinking water treatment sludge; for fertilizer from sewage sludge, see 28.10.01.03)

40.06.03-9 Solid waste treatment (excludes sludges generated from water or air treatment; solid waste means any garbage, refuse, or other discarded solid or semisolid material; recovery of fuels from solid waste is classified in 29.04.03)

70-0 SERVICES (Includes personal, business, repair, recreation, medical, and educational services; building services are classified in 80)

70.01-1 Laundry and dry cleaning
70.01.01-2 Laundry and linen supply
70.01.02-3 Dry cleaners
70.01.02.01-4 Self-service dry cleaners
70.01.02.02-5 Commercial dry cleaners
70.01.03-4 Diaper service

70.02-2 Beauty and barber shops
70.02.01-3 Beauty shops
70.02.02-4 Barber shops

70.03-3 Shoe shining and repair

70.04-4 Funeral services

70.05-5 Personal services n.e.c.

70.06-6 Photography and photofinishing
70.06.01-7 Photography
70.06.02-8 Photofinishing
70.06.03-9 Photocopying

70.07-7 Disinfecting and exterminating services

70.08-8 Computer and data processing services

70.09-9 Laboratories (unspecified)
70.09.01-0 Laboratories (except medical and dental)
70.09.02-1 Testing laboratories
70.09.03-2 Laboratory analyses
70.09.04-3 Laboratory research and development

70.10-0 Business services n.e.c.

70.11-1 Automotive services
70.11.01-2 Automobile painting
70.11.02-3 Automobile repair
70.11.03-4 Automobile washing, cleaning, and polishing
70.11.04-5 Tire retreading and recapping

70.12-2 Repair services (except auto)
70.12.01-3 Electrical repair
70.12.01.01-4 Radio and television repair
70.12.01.02-5 Refrigeration and air conditioning service and repair
70.12.01.03-6 Appliance repair
70.12.01.04-7 Office machine repair
70.12.01.05-8 Electrical repair n.e.c.

70.12.02-4	Reupholstery and furniture repair
70.12.03-5	Machinery repair (e.g., repair of engines, farm machinery, construction equipment)
70.12.03.01-6	Welding and brazing
70.12.03.02-7	Machinery repair n.e.c.
70.12.04-6	Heating systems maintenance and repair
70.12.05-7	Bicycle repair
70.12.06-8	Watch and clock repair
70.12.07-9	Jewelry repair
70.12.08-0	Repair services n.e.c.
70.13-3	Amusement and recreation services
70.13.01-4	Bowling alleys, billiards, and pool
70.13.02-5	Spectator sports
70.13.03-6	Individual sports
70.13.04-7	Amusement parks and arcades
70.13.05-8	Skating rinks (ice and roller skating)
70.13.06-9	Recreation services n.e.c.
70.14-4	Medical services
70.14.01-5	Physicians
70.14.02-6	Dentists
70.14.03-7	Medical practitioners n.e.c.
70.14.04-8	Medical and dental laboratories
70.14.05-9	Hospitals and hospital services
70.14.06-0	Nursing homes
70.14.07-1	Medical and dental clinics
70.14.08-2	Health services n.e.c.
70.15-5	Educational services
70.16-6	Social services
70.17-7	Museums, art galleries, and botanical and zoological gardens
70.18-8	Services n.e.c.

80-0 BUILDING APPLICATIONS (Specify an activity from 80.02 Building-related activities, and a product from 80.01 Building categories)

80.01-1 Building categories (should be preceded by an activity from 80.02 when appropriate)

80.01.01-2 Offices
80.01.02-3 Factories
80.01.03-4 Stores
80.01.03.01-5 Food stores
80.01.03.02-6 Non-food stores
80.01.04-5 Restaurants and bars
80.01.05-6 Service stations and garages
80.01.06-7 Warehouses
80.01.07-8 Lodging places
80.01.08-9 Schools
80.01.09-0 Hospital buildings
80.01.10-1 Recreation buildings
80.01.11-2 Dwellings
80.01.12-3 Other buildings

80.02-2 Building-related activities (should be followed by a product from 80.01 when appropriate)

80.02.01-3 Cleaning
80.02.01.01-4 Window cleaning
80.02.01.02-5 Floor waxing, polishing, and cleaning
80.02.01.03-6 Carpet cleaning
80.02.01.04-7 Rest room cleaning
80.02.01.05-8 Building cleaning n.e.c.
80.02.02-4 Maintenance
80.02.03-5 Disinfecting and exterminating

90-0 PUBLIC ADMINISTRATION (Includes activities unique to government and not covered under 40.06 Pollution control, 70 Services, or 80 Building applications; excludes activities involving ordinary office work)

90.01-1 Public order and safety
90.01.01-2 Police protection
90.01.02-3 Fire protection
90.01.03-4 Other public order

90.02-2 National security (unique activities of the Army, Navy, and Air Force)

90.03-3 Money production
90.03.01-4 Mintage (for mintage other than money, see 34.08.07)
90.03.02-5 Paper money

90.04-4 Miscellaneous public administration

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95-5 GENERAL PROCESSES (to be used with a particular application where specification of a process would help clarify the use of chemicals in the manufacture of a product, or when only the general process in which the chemical is used is known; for processes and activities related to particular industries, see Mining 10.07, Construction activities 15.03, Textile finishing and coating 22.05, Petroleum refinery processes 29.01, Plastics forming processes 30.02.16, Glass finishing 32.01.02, Ironmaking processes 33.01.02.02, Steelmaking processes 33.01.03.02, Metal processing 34.09).

95.01-6 Chemical processes
95.01.01-7 Crystallization
95.01.02-8 Distillation
95.01.03-9 Precipitation
95.01.04-0 Filtration
95.01.05-1 Dissolution
95.01.06-2 Extraction
95.01.07-3 Digestion
95.01.08-4 Reaction
95.01.09-5 Refining
95.01.10-6 Smelting
95.01.11-7 Condensation
95.01.12-8 Reduction
95.01.13-9 Oxidation
95.01.14-0 Electrolysis
95.01.15-1 Retorting
95.01.16-2 Etching
95.01.17-3 Gas purification
95.01.18-4 Evaporation
95.01.19-5 Dyeing
95.01.20-6 Dehydration
95.01.21-7 Chemical processes n.e.c.

95.02-7 Mechanical processes
95.02.01-8 Forging
95.02.02-9 Molding
95.02.03-0 Drawing
95.02.04-1 Annealing
95.02.05-2 Machining
95.02.06-3 Grinding
95.02.07-4 Polishing
95.02.08-5 Plating
95.02.09-6 Casting
95.02.10-7 Stamping
95.02.11-8 Degreasing
95.02.11.01-9 Cold cleaning
95.02.11.02-0 Vapor degreasing
95.02.11.03-1 Conveyorized degreasing
95.02.11.04-2 Alkaline wash degreasing
95.02.12-9 Die cutting

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95.02.15-2	Pulverization
95.02.16-3	Crushing
95.02.17-4	Extrusion
95.02.18-5	Rolling
95.02.19-6	Mechanical processs n.e.c.
95.03-8	General manufacturing processes
95.03.01-9	Assembling
95.03.02-0	Fabricating
95.03.03-1	Forming
95.03.04-2	Blending
95.03.05-3	Drying
95.03.06-4	Cleaning
95.03.07-5	Coating
95.03.08-6	Formulating
95.03.09-7	Packing
95.03.10-8	Heating
95.03.11-9	Cooling
95.03.12-0	Lubricating
95.03.13-1	General manufacturing processes n.e.c.

98-8 APPLICATION NOT KNOWN

99-9 APPLICATION NOT FOUND

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36.08.02.02	Accounting machines
28.09.02.03	Acetal resins
28.01.02.01	Acetylene
28.02.02.08	Acid halides
15.03.05	Acoustical work
28.09.04.03	Acrylic fibers
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36.08.02.01	Adding machines
34.09.03	Adhesive bonding
28.13	Adhesives, except plastics
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35.01.02	Engines, steam
27.02.01.03	Engraved plate printing
34.09.02	Engraving
28.14.11	Enhanced oil recovery chemicals
26.05.02.01	Envelopes
28.02.02.07	Epoxides
28.09.01.02	Epoxy resins
30.01.08.01	Equipment parts, rubber
30.01.12	Erasers
35.03.05.01	Escalators
28.02.02.09	Esters
95.01.16	Etching, chemical
34.09.02	Etching (metal processing)
28.02.02.03	Ethers
28.02.03.02	Ethers, cyclic
95.01.18	Evaporation
15.03.15	Excavation
28.11	Explosives
28.04.03.04	Extender pigments
28.14.20.02	Extenders
80.02.03	Exterminating (for buildings)
70.07	Exterminating services
28.14.17	Extinguishants, fire
95.01.06	Extraction
95.02.17	Extrusion
38.05.01	Eyeglasses
28.07.03.04.01	Fabric softeners
95.03.02	Fabricating
22.01	Fabrics
39.09.14	Face protective devices
26.05.06.04	Facial tissue
36.03.04	Fans, household
35.06.04	Fans, industrial
35.02.01	Farm machinery
01	Farm products
34.04.02	Fasteners, metal
20.03.01	Fats, animal
01.02.01.01	Feed lot operations
39.09.12	Feeding dishes
29.02.02.01	Feedstocks, petrochemical

10.04.07	Feldspar
32.09.02.04	Felts, asbestos
34.03.05	Fences, metal
24.01.03	Fencing, split
34.08.04	Fencing, wire
33.01.04	Ferroalloys
10.01.01	Ferrous ores
10.04.14	Fertilizer minerals
28.10.01	Fertilizers
26.06.01.02	Fiber boxes
01.01.09	Fiber crops
38.03	Fiber optics devices
26.03.04	Fiber tube, can, and drum stock
26.06.04	Fiber tubes, cans, drums
26.04.03	Fiberboard
32.09.06	Fibers, inorganic
28.09.04	Fibers, man-made
25.02	Filing cabinets
28.04.03	Fillers, inorganic
30.02.01	Film, plastics
38.06.08	Film, X-ray
38.06.01.05	Film processing equipment
70.06.03	Film processing services
26.02.04	Filter paper
35.06.08	Filters
95.01.04	Filtration
01.06.01.01	Finfish
28.08.03.05	Finishes, aerosol
28.08.02	Finishes, industrial
28.08.01	Finishes, trade sales
22.03.01	Finishing, textile
36.06.02.03	Fire alarms
37.01.01.03	Fire department vehicles
34.03.05	Fire escapes
28.14.17	Fire extinguishants
39.09.04	Fire extinguishers
90.01.02	Fire protection
35.06.08	Fire sprinkler equipment
01.04.03.01	Firefighting, forest
24.11	Fireplace logs
24.01.05	Firewood
28.11.08	Fireworks
38.04.02.03	First aid kits
01.06.02	Fish farms
01.06.02	Fish hatcheries
20.03.02.02	Fish oil
29.03.01.02.03	Fisher-Tropsch synthesis
01.06.01	Fishing
39.05.01	Fishing equipment
34.08.02.05	Fittings, metal
25.09	Fixtures, bar
25.07	Fixtures, office and store

23.03.05	Flags
28.14.08	Flame retardants, textile
34.07.04	Flame throwers
34.08.02.05	Flanges, metal
28.11.07	Flares
38.06.01.03	Flash units
39.02.02	Flatware
28.14.15	Flavor chemicals
01.01.09.02	Flax
24.02.02	Flitches
80.02.01.02	Floor cleaning
30.02.08.03	Floor coverings, plastics
30.01.06	Floor coverings, rubber
28.07.03.01.02	Floor polishes
32.09.02.02	Floor tile, asphalt
32.09.02.02	Floor tile, vinyl asbestos
80.02.01.02	Floor waxing
34.03.04	Flooring, metal
24.02.04	Flooring, wood
15.03.09	Flooring installation
39.08.01	Flowers, artificial
34.03.04	Flumes
28.04.01.10	Fluorescent brighteners
36.01.02.02	Fluorescent lamp ballasts
40.05.03	Fluoridation
28.09.02.11	Fluoropolymer plastics
10.04.08	Fluorspar
28.01.03.05	Fluosilicic acid
28.14.06	Fluxing compounds
30.01.05	Foam rubber goods
30.02.04	Foam seat cushions
30.02.07.03	Foamed insulation, plastics
33.02.02.03.05	Foil, aluminum
33.02.03.03.05	Foil, lead
34.08.05	Foil and leaf, metal
20.01.02	Food, animal
20.02	Food additives
26.06.03.03	Food packaging, paperboard
36.03.04	Food processors
20.01	Food products
39.05.03	Football equipment
31.03.01	Footwear
30.02.10	Footwear, plastics
30.01.03.01	Footwear, rubber
01.01.11	Forage
24	Forest products
01.04	Forestry
01.04.03	Forestry services
95.02.01	Forging
34.02	Forgings
39.02.02	Forks
95.03.03	Forming

27.01.04	Forms, business
95.03.08	Formulating
01.02.04.01	Fox
28.14.15	Fragrance chemicals
34.03.02	Frames, metal door and window
24.04	Frames, wood
36.03.02	Freezers, household
01.01.07	Fruits
01.01.07.03	Fruits, citrus
01.01.07.04	Fruits, deciduous tree
28.14.12	Fuel additives
29.04.03	Fuels, alcohol
29.04.03	Fuels, biomass
29.03	Fuels, coal products
29.02.01.04.02	Fuels, diesel
29.02.01.02	Fuels, jet
29.06.05	Fuels, nuclear
29.06.03	Fuels, nuclear, reprocessed
29.02.01	Fuels, petroleum
29.04.03	Fuels, refuse-derived
10.02	Fuels, solid
29.04.03	Fuels, solid waste
29.04	Fuels, synthetic, except from coal
29.03.01	Fuels, synthetic, from coal
24.11	Fuels, wood
28.10.02.07	Fumigants
70.04	Funeral services
28.10.02.03	Fungicides
01.02.04.01	Furbearing animals
70.12.04	Furnace repair
34.05.03.03	Furnaces, heating
35.06.06	Furnaces, industrial
35.09.03.01	Furnaces, warm air
31.03.03	Furnishings, leather
30.02.04	Furnishings, plastics
23.02	Furnishings, textile
25	Furniture
38.01.04	Furniture, laboratory
30.02.04	Furniture components, plastics
24.04	Furniture parts, wood
70.12.02	Furniture repair
39.09.07	Furs, dressed and dyed
01.02.04.01	Furs, raw
28.11.01	Fuses, detonating
36.01.03.04	Fuses, electrical
28.01.05.27	Gallium and its compounds
34.09.05	Galvanizing
01.06.03	Game management
39.04.02	Games
36.05.05	Games, electronic
40.06.03	Garbage disposal
35.02.02	Garden and lawn tools, powered

01.05.01	Garden services
33.01.02.01.02	Gas, blast furnace
29.03.01.01	Gas, coal
33.01.01.02	Gas, coke oven
10.03.02	Gas, natural
29,02.01.06	Gas, refinery
29.03.01.01.01	Gas, synthesis
35.03.03	Gas and oil drilling machinery and equipment
34.03.03	Gas cylinders
38.02.03	Gas meters
28.14.11	Gas odorants
10.03.04	Gas products
95.01.17	Gas purification
36.01.01.05	Gas turbine generators
40.04	Gas utilities
35.04.06	Gas welding and cutting apparatus
28.01.02	Gases, industrial
35.06.09	Gaskets
29.04.03	Gasohol
29.02.01.01	Gasoline
38.02.03	Gasoline dispensing meters
35.08.03	Gasoline pumps
34.03.05	Gates, metal
35.06.05	Gears
01.02.03.04	Geese
28.14.01	Gelatin
36.01.01	Generating equipment, power
36.11.04	Generators, battery charging
36.02.01	Generators, industrial
10.06	Geothermal fluids
28.01.05.27	Germanium and its compounds
23.01.02.02.01	Girdles
23.01.03	Girls´ apparel
32.01	Glass
32.01.04	Glass containers
32.01.01	Glass finishing
32.01.03.02	Glass wool
15.03.12	Glass work
38.05.03	Glasses, magnifying
26.02.03.02	Glassine papers
32.01.05	Glassware
15.03.12	Glazing
28.08.03.01	Glazing compounds
23.01.01.01.12	Gloves, men´s
30.01.07	Gloves, rubber household
30.01.03.03	Gloves, rubber industrial
28.13.02.01.01	Glues, animal and fish
28.13.02.01.02	Glues, vegetable
01.02.01.03	Goat´s milk
01.02.01.03	Goats
38.05.03	Goggles, industrial
33.02.07	Gold

28.01.05.21	Gold compounds
10.01.05	Gold ore
37.07.03	Golf carts
39.05.02	Golf equipment
35.03.01	Graders
40.01.03.02.01	Grain storage
01.01.01	Grains
10.05.04	Granite
01.01.07.03	Grapefruit
01.01.07.02	Grapes
10.04.01	Graphite
32.09.03	Graphite, treated
10.05.07	Gravel
27.02.01.04	Gravure
33.01.05.01	Gray iron castings
29.02.02.02	Grease stocks
26.02.03.02	Greaseproof papers
29.02.06.05	Greases
27.01.09	Greeting cards
95.02.06	Grinding
36.07	Guidance systems
37.06.01	Guided missiles
28.03	Gum chemicals
26.05.01.01	Gummed paper products
01.04.02	Gums
34.07.03	Guns
39.05.08	Gymnastic equipment
10.04.09	Gypsum
32.05	Gypsum products
38.01.01	Gyroscopes
28.01.05.10	Hafnium and its compounds
28.02.02.08	Halides, acid
28.02.02.01	Halogenated hydrocarbons
28.01.11	Halogens and halogen compounds, inorganic
34.06.02	Hammers
28.07.03.03.06	Hand cleaners, waterless
34.06.02	Hand tools
31.03.03.01	Handbags
34.06.02	Handsaws
26.04.05	Hard pressed panels
24.03.03	Hardboard
34.06.03	Hardware
30.02.11	Hardware, plastics
23.01.01.01.09	Hats, men´s
23.01.02.01.08	Hats, women´s
01.01.11	Hay
36.04.08	Headlights, motor vehicle
38.04.02.02	Hearing aids
34.03.03	Heat exchangers
35.09.03.02	Heat pumps
36.03.07	Heaters, electric
36.03.08	Heaters, water

95.03.10	Heating
34.05.03	Heating equipment, except warm-air and electric
35.09.03	Heating equipment, warm-air
34.03.05	Heating registers
15.03.01	Heating system installation
70.12.04	Heating systems repair
34.08.02.03	Heating valves
35.03.01	Heavy machinery
29.06.04	Heavy water
30.01.03.02	Heels, rubber
28.01.02.05	Helium
28.10.02.02	Herbicides
01.01.12.02	Herbs
28.02.03	Heterocycles
39.06.01	Hobby supplies
34.06.02	Hoes
01.02.01.02	Hogs
24.05.03	Hogsheads, wood
35.03.05.03	Hoists
39.02.01	Hollow ware
24.08	Homes, mobile
37.01.01.04	Homes, motor
01.02.04.03	Honey
01.02.04.02	Horses
01.05	Horticultural services
01.01.12	Horticultural specialties
30.01.04.01	Hose, rubber
34.08.02.06	Hose and tube fittings and assemblies
23.01.02.02.02	Hosiery
25.04	Hospital furniture
70.14.05	Hospitals
01.03.01	Hospitals, animal
30.02.11	Hospitalware, plastics
36.03.04	Hot plates
37.03.02.02	Houseboats
36.03	Household appliances
28.07.01.02.04	Household cleansers
28.07.01.02	Household detergents
25.01	Household furniture
30.02.07.01	Housings, plastics
34.07.04	Howitzers
01.06.03	Hunting
36.10.03.01	Hybrid microcircuits
32.02	Hydraulic cement
10.07.02.04	Hydraulic mining
29.02.06.02	Hydraulic oils
28.01.06.03	Hydrazine
28.02.01	Hydrocarbons
28.02.02.01	Hydrocarbons, halogenated
28.01.03.02	Hydrochloric acid
29.01.03.02	Hydrocracking
28.01.03.06	Hydrocyanic acid

29.01.03.03	Hydrodesulfurization
36.01.01.02	Hydroelectric generating equipment
28.01.03.04	Hydrofluoric acid
28.01.02.08	Hydrogen
28.01.12.02	Hydrogen peroxide
29.03.01.02.02	Hydrogenation
10.07.05	Hydrometallurgical extraction
28.02.02.04	Hydroperoxides
29.01.03.03	Hydrotreating
28.02.02.02	Hydroxy compounds, organic
28.01.06.03	Hydroxylamine
38.04.01.01	Hypodermic syringes and needles
36.11.04	Ignition coils
36.11.04	Ignition harness and cable sets
10.07.02.05	In-situ mining
28.01.05.27	Indium and its compounds
36.02.02	Industrial controls
28.08.02	Industrial finishes
30.02.07	Industrial plastics products
39.09.14	Industrial safety equipment, personal
23.01.03	Infants' apparel
39.04.04	Infants' toys
30.01.11	Inflatable rubber products
70.08	Information systems
33.01.03.01	Ingots, steel
28.14.20.01	Initiators
28.08.03.09	Ink vehicles
39.07.04	Inked ribbons
28.12	Inks, except artists'
39.06.03.02	Inks, artists'
30.01.02	Inner tubes
28.01.03	Inorganic acids, industrial
28.01	Inorganic chemicals (by composition)
28.01.05	Inorganic compounds of selected elements
28.04.03.05	Inorganic pigments, colored
28.10.02.10	Insect attractants
28.10.02.01	Insecticides
01.03.03	Insemination, artificial
38	Instruments
39.09.15	Insulated chests
26.04.05	Insulating board
30.02.08.02	Insulating foams, plastics
32.09.02.05	Insulation, asbestos
26.04.06	Insulation, cellulose
32.09.04	Insulation, mineral wool
15.03.07	Insulation installation
36.04.03	Insulators, electrical
36.10.03.01	Integrated microcircuits
36.06.02.03	Intercommunication equipment
28.14.20.03	Intermediates, chemical
33.01.02.01.01	Iron
33.01.05	Iron castings

28.01.05.16	Iron compounds
34.02.01	Iron forgings
10.01.01.01	Iron ore
28.07.03.04.05	Ironing aids
33.01.02.02	Ironmaking processes
34.03.04	Irrigation pipe
29.01.03.05	Isomerization
29.06.06	Isotopes
23.01.01.01.05	Jackets, nontailored, men´s
23.01.01.01.01	Jackets, tailored, men´s
23.01.02.01.02	Jackets, women´s
32.01.04	Jars, glass
23.01.01.01.04	Jeans, men´s
23.01.02.01.06	Jeans, women´s
29.02.01.02	Jet fuel
39.01.03	Jewelers´ materials
39.01	Jewelry
70.12.07	Jewelry repair
34.02.04	Job stampings
34.03.07	Joists, bar
10.04.05.02	Kaolin
34.01.02	Kegs, metal
24.05.03	Kegs, wood
29.02.01.03	Kerosene
28.02.02.05	Ketones
38.04.01.03	Kidney dialysis equipment
34.02.04	Kitchen utensils, stamped and spun
30.02.09	Kitchenware, plastics
39.02.02	Knives, flatware
34.06.02	Knives, tool
26.01.03	Kraft (sulfate) pulp
26.02.03.01	Kraft papers
27.01.07	Labels, printed
70.09	Laboratories
70.14.04	Laboratories, medical and dental
38.04.01.04	Laboratory equipment, clinical
38.01.04	Laboratory furniture
38.01.02	Laboratory instruments
30.02.11	Laboratoryware, plastics
28.08	Lacquers
28.02.02.10.02	Lactams
28.02.02.09.02	Lactones
24.12	Ladders, wood
26.05.01	Laminated paper products
24.03.02	Laminated wood structural members
36.11.05	Lamp bulb components
32.01.05.02	Lamp parts
36.04.01	Lamps, electric
36.04.04	Lamps and lamp shades
01.05.01	Landscaping
28.01.05.28	Lanthanide series elements and their compounds
39.01.03	Lapidary works

38.03	Lasers
35.04.01	Lathes
70.01.01	Laundries
28.07.03.04	Laundry aids
36.03.03	Laundry equipment, household
35.08.02	Laundry machines
35.02.02	Lawn and garden tools, powered
35.02.02	Lawn mowers
01.05.01	Lawn services
33.02.03.01	Lead, primary
33.02.03.02	Lead, secondary
33.02.03.03.03	Lead alloys
28.01.05.37	Lead compounds
33.02.03.03	Lead finished and semifinished shapes
33.02.03.03.05	Lead foil
10.01.03	Lead ore
28.04.03.02	Lead pigments, white
39.09.12	Leashes
28.14.10	Leather chemicals
39.06.02.03	Leather craftwork supplies
28.07.03.01.04	Leather dressings
31.01	Leather finishing
31.03.03	Leather furnishings
31.03	Leather products
01.01.07.03	Lemons
32.01.05.04	Lens blanks, ophthalmic
38.05.02	Lenses, contact
27.02.01.01	Letterpress
01.01.05.01	Lettuce
30.01.11	Life rafts
32.01.05.02	Light bulb blanks
38.06.01.02	Light meters
36.04	Lighting equipment, electric
36.04.08	Lighting equipment, vehicular
36.04.05	Lighting fixtures, commercial and institutional
36.04.06	Lighting fixtures, industrial
36.04.04	Lighting fixtures, residential
36.04.07	Lighting luminaries, street
36.11.05	Lights, Christmas tree
10.02.03	Lignite
32.04	Lime
01.01.07.03	Limes
10.05.02	Limestone
26.03.01	Linerboard
26.05.03	Liners, paper
30.01.09	Linings, rubber
20.03.03.02	Linseed oil
40.06.02	Liquid waste treatment
33.02.08	Lithium
28.01.05.02	Lithium compounds
27.02.06	Lithographic platemaking
27.02.01.02	Lithography

28.04.03.03	Lithopone pigments
01.02.01	Livestock
01.03.02	Livestock services
01.06.01.02	Lobsters
25.06	Lockers
34.06.03.02	Locks
37.04.01	Locomotives
24.01	Logging
24.01.01	Logs
24.11	Logs, fireplace
28.14.12	Lubricant additives
95.03.12	Lubricating
29.02.02.02	Lubricating oil stocks
29.02.06	Lubricating oils
31.03.02	Luggage
24.02.01	Lumber
24.02.07	Lumber mill residuals
24.02.02	Lumber stock
35.04.04	Machine tool accessories
35.04.01	Machine tools, cutting
35.04.02	Machine tools, forming
34.07.03	Machineguns
35	Machinery
35.03.01	Machinery, construction
35.02.01	Machinery, farm
35.02.02	Machinery, lawn and garden
35.04	Machinery, metalworking
35.03.02	Machinery, mining
35.03.03	Machinery, oil field
35.04.05	Machinery, rolling mill
35.08	Machinery, service
35.06	Machinery and equipment, general industrial
35.05	Machinery and equipment, special industry
28.14.13	Machinery chemicals
30.01.08.01	Machinery parts, rubber
70.12.03	Machinery repair
34.09.04	Machining, fabricated metals
95.02.05	Machining, general
39.06.02.01	Macrame supplies
33.02.09	Magnesium
28.01.04	Magnesium compounds, inorganic
36.08.01.02	Magnetic storage media
34.08.08	Magnets
38.05.03	Magnifying glasses
80.02.02	Maintenance, building
33.01.05.02	Malleable iron castings
22.01.04	Man-made fiber yarns and fabrics
33.02.13	Manganese
28.01.05.15	Manganese compounds
10.01.01.02	Manganese ore
39	Manufactured products, miscellaneous
95.03	Manufacturing processes

10.05.01	Marble
20.03.02	Marine oils
01.06.01.03	Marine products
39.07.03	Marking devices
15.03.04	Masonry work
39.09.05	Matches
35.03.05	Materials handling equipment
23.02.03.02	Mattress covers
25.01.02	Mattresses
38.02	Measuring devices
35.04.04	Measuring tools, precision
30.02.07.02	Mechanical components, plastics
30.01.08	Mechanical goods, rubber
95.02	Mechanical processes
38.04.02	Medical appliances
38.04.01.01	Medical instruments
70.14.04	Medical laboratories
38.04.01.02	Medical monitoring and diagnostic equipment
70.14	Medical services
38.04.02	Medical supplies
28.06	Medicinals
28.09.01.03	Melamine formaldehyde resins
01.01.06	Melons
23.01.01	Men´s clothing
28.02.02.14	Mercaptans
33.02.10	Mercury
28.01.05.24	Mercury compounds
10.01.09	Mercury ore
34.08.04	Mesh, concrete reinforcing
34.03.01	Metal, fabricated, structural
34.03.07	Metal building materials, miscellaneous
34.03.06	Metal buildings and components, prefabricated
34.01.01	Metal cans
34.09.06	Metal coating
34.01.02	Metal containers, shipping
39.06.02.04	Metal craftwork supplies
34.08.05	Metal foil and leaf
25.06	Metal partitions
28.07.03.01.05	Metal polishes
34.09	Metal processing
34	Metal products, fabricated
34.05.01	Metal sanitary ware
34.02	Metal stampings
34.08.08	Metal strapping
34.03.05	Metal studs
34.09.07	Metal surface cleaning
34.03.03	Metal tanks and vessels
28.14.06	Metal treating compounds
10.01	Metallic ores
33	Metals
33.02	Metals, nonferrous
34.03.05	Metalwork, architectural and ornamental

35.04.03	Metalworking dies, tools, etc.
35.04	Metalworking machinery
38.02.05	Meteorological instruments
38.02.03	Meters
38.06.01.02	Meters, light
10.04.10	Mica
36.10.03.01	Microcircuits
38.06.03	Microfilming equipment
36.05.03.03	Microphones
36.06.02.04	Microwave communication equipment
01.02.02	Milk, cow's
01.02.01.03	Milk, goat's
23.01.02.01.08	Millinery
24.04	Millwork
10.07.02	Mine production
35.03.02	Mineral beneficiation machinery
10.07.01	Mineral exploration
32.09.04	Mineral wool
10.04.05	Minerals, clay
10.05	Minerals, construction
32.09.03	Minerals, ground or treated
10.04	Minerals, nonmetallic
10.07.02.04	Mining, hydraulic
10.07.02.05	Mining, in-situ
10.07.02.01	Mining, open-pit
10.07.02.02	Mining, underground
10.05.09	Mining aggregate
10.07	Mining and related activities
35.03.02	Mining machinery
01.02.04.01	Mink
90.03.01	Mintage
34.08.07	Mintage other than money
32.01.05.05	Mirrors
39	Miscellaneous manufactured products
37.06.01	Missiles
24.08	Mobile homes
28.09.04.07	Modacrylic fibers
39.06.01.02	Model airplane kits
39.06.01.01	Model cars and trains
39.06.03.03	Modeling and sculpting materials
39.06.03.03	Modeling clay
39.06.01.01	Models, powered
01.02.01.04	Mohair
28.14.14	Mold release products
95.02.02	Molding, process
24.02.05	Molding, wood
10.01.01.07	Molybdenum ore
90.03	Money
35.03.05.03	Monorails, industrial
37.05.03	Mopeds
34.07.04	Mortars
38.06.02	Motion picture equipment

37.01.01.04	Motor homes
36.04.08	Motor vehicle headlights
37.01.02	Motor vehicle parts and accessories
37.01.01	Motor vehicles
37.03.02.01	Motorboats
37.05.02	Motorcycles
36.02.01	Motors, industrial electric
36.11.04	Motors, starting
30.01.08.02	Mounts, rubber
35.03.05.01	Moving walkways
28.13.02.01.02	Mucilages
28.14.11	Muds, drilling
70.17	Museums
01.01.12.02	Mushrooms
39.03	Musical instruments
01.02.01.03	Mutton
34.08.04	Nails
29.02.02.01.01	Naphtha
26.02.05.02	Napkin stock
23.02.05	Napkins, cloth
26.05.07	Napkins, paper
26.05.06.01	Napkins, sanitary
90.02	National security
10.03.02	Natural gas
10.03.03	Natural gas liquids
10.07.03	Natural gas production
10.07.03.04	Natural gas treatment
36.07	Navigation equipment
38.01.01	Navigational instruments
90.02	Navy
23.01.01.01.12	Neckties
39.08.03	Needles
39.06.02.07	Needlework supplies
28.01.05.29	Neon
27.01.01	Newspapers
26.02.01	Newsprint
33.02.13	Nickel
28.01.05.18	Nickel compounds
10.01.01.03	Nickel ore
23.01.01.02.02	Nightwear, men's
23.01.02.02.04	Nightwear, women's
28.01.05.12	Niobium and its compounds
30.01.07	Nipples, infant's
28.01.03.03	Nitric acid
28.02.02.13	Nitriles
28.02.02.12	Nitro hydrocarbons
28.01.02.03	Nitrogen
28.01.06	Nitrogen compounds, inorganic
28.01.02.07	Nitrous oxide
28.01.05.29	Noble gases and their compounds
33.02	Nonferrous metals
26.05.02.03	Notebooks

39.08	Notions
29.06	Nuclear energy products
29.06.05	Nuclear fuel
29.06.03	Nuclear fuel, reprocessed
38.02.05	Nuclear radiation detection and monitoring instruments
36.01.01.03	Nuclear reactors
29.06.08	Nuclear wastes
01.04.01	Nurseries, forest
01.01.12.01	Nursery products, ornamental
70.14.06	Nursing homes
28.14.19	Nutrients, culture
34.04.02	Nuts, metal
01.01.08	Nuts, tree
28.09.04.02	Nylon fibers
28.09.04.10	Nylon fibers, aramid
01.01.01.04	Oats
28.14.11	Odorants, gas
35.03.01	Off-highway trucks
37.07.02	Off-road vehicles
36.08	Office equipment
25.02	Office furniture
70.12.01.04	Office machine repair
10.03.01	Oil, crude
29.01.01.01	Oil, desalting of crude
29.02.01.04	Oil, distillate
28.03.01.02	Oil, pine
26.01.11.02	Oil, pulp mill, tall
29.04.01	Oil, shale
35.03.03	Oil and gas production machinery
10.07.03.03	Oil and gas recovery, unconventional
28.14.11	Oil and natural gas production chemicals
35.03.03	Oil field machinery
28.14.11	Oil recovery chemicals
10.02.05	Oil shale
10.07.03	Oil well production
20.03	Oils, animal, marine, and vegetable
29.02.06.02	Oils, hydraulic
29.02.06	Oils, lubricating
29.02.01.05	Oils, residual fuel
29.02.07	Oils, road
29.02.06.02	Oils, transmission
28.01.03.01	Oleum
01.01.07.05	Olives
10.07.02.01	Open-pit mining
38.05	Ophthalmic goods
32.01.05.04	Ophthalmic lens blanks
38.04.01.02	Ophthalmoscopes
38.03	Optical instruments
38.03	Optics devices, fiber
36.10.03.04	Optoelectronic devices
01.01.07.03	Oranges
34.07	Ordnance and accessories

10.07.04	Ore beneficiation
28.14.07	Ore processing chemicals
10.01	Ores, metallic
28.02	Organic chemicals (by composition)
28.04.02	Organic pigments
28.02.05	Organoboron compounds
28.02.08	Organometallic compounds
28.02.06	Organophosphorus compounds
28.02.07	Organosilicon compounds
28.08.03.06	Organosols
39.03.01	Organs
39.09.09	Ornaments, Christmas tree
38.04.02.02	Orthopedic appliances
28.07.03.03.02	Oven cleaners
36.03.01	Ovens, household
35.06.06	Ovens, industrial
95.01.13	Oxidation
28.01.02.04	Oxygen
01.06.01.02	Oysters
28.01.12.01	Ozone
38.04.02.02	Pacemakers
30.02.05	Packaging, plastics, food
30.02.06	Packaging, plastics, non-food
26.02.03	Packaging papers
95.03.09	Packing
30.02.07.03	Padding, plastics
22.02	Padding, textile
34.01.02	Pails, metal
28.08.03.07	Paint dryers
28.08.03.03	Paint removers
30.01.16	Paint rollers, rubber
70.11.01	Painting, automobile
15.03.02	Painting, construction
39.06.03.02	Paints, artists'
28.08	Paints and allied products
23.01.01.02.02	Pajamas, men's
39.06.03.01	Palettes, artists'
36.01.03.03	Panelboards
26.04.05	Panels, hard pressed
30.02.08.01	Panels, plastics
23.01.02.02.03	Panties
23.01.01.01.04	Pants, work
23.01.02.02.02	Pantyhose
26.02	Paper
26.05.02.05	Paper, carbon
26.05.10.02	Paper, cigarette
26.05.02.06	Paper, computer
38.06.06	Paper, photographic
26.04.07	Paper, tar
26.05.02.04	Paper, typewriter
26.05.03	Paper bags
28.14.09	Paper chemicals

26.06.03.02	Paper cups
26.05.03	Paper liners
26.05.07	Paper napkins
26.05	Paper products
26.05.02.06	Paper rolls, copier
26.04.02	Paper stock, building
26.05.07	Paper towels
26.05.08	Paper wrapping products
26.03	Paperboard
26.06.01	Paperboard containers
26.06.03.03	Paperboard food packaging
26.06	Paperboard products
34.08.04	Paperclips
15.03.02	Paperhanging
26.05.02.04	Papers, reproduction
23.03.05	Parachutes
28.02.02.12.01	Paraffins, nitro
39.09.08	Parasols
26.02.03.02	Parchment papers
70.13.04	Parks, amusement
24.03.03	Particleboard
25.06	Partitions, metal
30.02.08.01	Partitions, plastics
39.06.03.02	Pastels
28.13.02.01.02	Pastes
01.01.07.04	Peaches
01.01.02.02	Peanuts
01.01.07.04	Pears
01.01.02.04	Peas
10.02.04	Peat
01.01.08	Pecans
39.07.02	Pencils, lead
39.07.01	Pencils, mechanical
39.07.01	Pens
27.01.02	Periodicals
28.02.02.04	Peroxides, organic
39.09.14	Personal industrial safety equipment
01.04.03.02	Pest control, forest
28.10.02	Pesticides
01.03.03	Pet care
39.09.12	Pet supplies
29.02.02.01	Petrochemical feedstocks
29.02.03	Petrolatum
10.03.01	Petroleum, crude
28.14.12	Petroleum additives
29.02.08	Petroleum coke
10.07.01	Petroleum exploration
29.02.03	Petroleum jelly
40.01.03.02.03	Petroleum product storage
10.07.03	Petroleum production
29.02	Petroleum products
29.01	Petroleum refinery processes

29.02.04	Petroleum waxes
01.02.03.04	Pheasants
28.02.02.02	Phenolic compounds
28.09.01.04	Phenolic resins
36.05.06.01	Phonograph records
36.05.03.01	Phonographs
10.04.14.01	Phosphate rock
28.01.03.09	Phosphoric acid
28.14.21	Phosphors
28.01.09.01	Phosphorus
28.01.09	Phosphorus compounds, inorganic
27.02.01.05	Photocopying
70.06.03	Photocopying services
27.02.04	Photoengraving
70.06.02	Photofinishing services
28.14.18	Photographic chemicals
38.06.07	Photographic chemicals, prepared
38.06	Photographic equipment and supplies
38.06.04	Photographic film
38.06.06	Photographic paper and cloth
38.06.05	Photographic paper and cloth, silver halide
70.06.01	Photography services
70.14.01	Physicians
39.03.01	Pianos
28.14.06	Pickling compounds
28.08.03.08	Pigment dispersions
39.06.03.02	Pigments, artists'
28.04.03	Pigments, inorganic
28.04.02	Pigments, organic
24.01.02	Piles, wood
23.02.03.02	Pillow cases
23.02.03.03	Pillows
28.03.01.02	Pine oil
39.08.03	Pins
33.02.02.03.04	Pipe, aluminum
32.09.02.06.03	Pipe, asbestos-cement
32.02.01	Pipe, concrete
33.02.01.03.04	Pipe, copper
34.03.04	Pipe, irrigation
33.02.03.03.04	Pipe, lead
30.02.08.04	Pipe, plastics
33.01.03.03.04	Pipe, steel
34.08.02	Pipe fittings, metal
30.02.08.04	Pipe fittings, plastics
28.08.03.01	Pipe thread dopes
40.01.06	Pipelines
39.09.11	Pipes, smoking
34.07.03	Pistols
39.02.01	Pitchers
28.03.01.03	Pitches
32.05.01	Plaster building boards
15.03.05	Plastering

32.05.02	Plasters, building
32.05.03	Plasters, industrial
28.14.14	Plasticizers
28.09.02	Plastics, thermoplastic
28.09.01	Plastics, thermosetting
28.14.14	Plastics additives
30.02.03	Plastics apparel
30.02.12	Plastics bags and liners
30.02.11	Plastics consumer and institutional products
39.06.02.05	Plastics craftwork supplies
30.02.01	Plastics film
30.02.05	Plastics food packaging
30.02.10	Plastics footwear
30.02.16	Plastics forming processes
30.02.11	Plastics hardware
30.02.06	Plastics non-food packaging
30.02	Plastics products
30.02.02	Plastics rods
30.02.01	Plastics sheeting
30.02.11	Plastics sponges
30.02.02	Plastics stock shapes
30.02.02	Plastics tubes
30.02.14	Plastics wire and cable coverings
30.02.13	Plastics-based formulated products
28.08.03.06	Plastisols
39.02	Plated ware
27.02.06	Platemaking, lithographic
34.03.03	Platework, fabricated
95.02.08	Plating, general
34.09.01	Plating, metal
28.14.06	Plating compounds
33.02.13	Platinum and platinum-group metals
10.01.08	Platinum ore
39.05.07	Playground equipment
23.01.03.01.06	Playsuits
34.06.02	Pliers
30.02.08.05	Plumbing fixtures, plastics
32.07.01	Plumbing fixtures, vitreous
34.05.02	Plumbing fixtures and trim, metal
15.03.01	Plumbing installation
34.08.02.03	Plumbing valves
01.01.07.04	Plums
29.06.07	Plutonium
24.03.01	Plywood
24.01.02	Poles
90.01.01	Police protection
28.07.03.01	Polishes
34.09.01	Polishing, metal
95.02.07	Polishing, general
28.07.03.01	Polishing preparations
40.06	Pollution control
28.01.05.35	Polonium and its compounds

28.09.02.05	Polyamide resins
28.09.02.13	Polycarbonate resins
28.09.04.04	Polyester fibers
28.09.01.06	Polyester for urethanes
28.09.02.06	Polyester resins, saturated
28.09.01.05	Polyester resins, unsaturated
28.09.02.07	Polyethylene resins
28.09.02.12	Polyimide and polyamide-imide resins
28.09.04.05	Polyolefin fibers
28.09.02.13	Polyphenylene oxide resins
28.09.04.06	Polypropylene fibers
28.09.02.08	Polypropylene resins
28.09.02.09	Polystyrene plastics materials
28.09.02.13	Polysulfonic resins
28.09.01.07	Polyurethane
28.09.02.10	Polyvinyl resins
30.01.11	Pontoons
39.05.08	Pool tables
39.05.08	Pools, wading
32.02.01	Portland cement
26.05.01.01	Postage stamps
24.01.02	Posts
10.04.14.02	Potash
28.01.05.01	Potassium
28.01.01.04	Potassium bicarbonate
28.01.01.04	Potassium carbonate
28.01.04	Potassium compounds, inorganic
28.01.01.04	Potassium hydroxide
01.01.04.01	Potatoes
34.02.04	Pots and pans
32.07.04	Pottery, decorative
32.07.03	Pottery ware
01.02.03	Poultry
34.03.03	Power boilers
36.01.03.02	Power circuit breakers
35.03.01	Power cranes
36.01	Power equipment, electric
36.01.01	Power generating equipment
35.03.01	Power shovels
36.01.03.08	Power surge controls, electric
36.01.03.03	Power switches
30.01.04.02	Power transmission belts, rubber
35.07	Power-driven hand tools
32.03.03	Precast concrete products
95.01.03	Precipitation
35.04.04	Precision measuring tools
24.07	Prefabricated wood structures and building components
28.10.02.08	Preservatives
28.07.01.02.05	Presoaks
95.02.13	Pressing
35.08.02	Pressing machines
26.05.01.02	Pressure sensitive paper products

32.03.04	Prestressed concrete products
28.08	Primers
27.01	Printed products
27.02.01	Printing
26.02.02	Printing papers
38.02.02	Process control instruments
95	Processes
38.06.02	Projectors, motion picture
38.06.01.04	Projectors, slide
28.11.06	Propellents
30.01.07	Prophylactics
37.03.03	Propulsion systems, ships
37.06.02	Propulsion units, missiles
38.04.02.02	Prosthetic appliances
28.01.05.38	Protactinium and its compounds
39.09.14	Protective devices, face
90	Public administration
25.03	Public building furniture
27	Publishing
26.01	Pulp, wood
26.05.05	Pulp goods
26.01.11	Pulp mill by-products
24.01.04	Pulpwood
01.01.02	Pulses
95.02.15	Pulverization
35.03.02	Pulverizing, crushing, and screening machinery
10.05.09	Pumice
35.08.03	Pumps, gasoline
35.09.03.02	Pumps, heat
35.08.03	Pumps, measuring and dispensing
35.06.03	Pumps, vacuum
35.06.01	Pumps and pumping equipment
95.01.17	Purification, gas
28.08.03.01	Putties
39.04.02	Puzzles
29.03.01.02.01	Pyrolysis, coal
28.11.08	Pyrotechnics
10.07.02.06	Quarrying
10.05.06	Quartzite
28.02.02.11	Quaternary ammonium compounds
36.07.02	Radar
34.05.03.02	Radiators
40.02.02	Radio broadcasting
36.06.02	Radio communication equipment
70.12.01.01	Radio repair
10.01.11	Radioactive ores
36.05.01	Radios, broadcast band
36.06.02.06	Radios, citizen band
28.01.05.07	Radium and its compounds
37.04	Railroad equipment
40.01.01	Railroads
30.02.03	Rainwear, plastics

30.01.03.03	Rainwear, rubber
34.06.02	Rakes
36.03.01	Ranges
10.01.12	Rare earth ores
01.01.07.01	Raspberries
01.02.04.03	Rats, laboratory
28.14.20.03	Raw materials, chemical
28.09.04.01.01	Rayon
34.06.01.02	Razors and razor blades
95.01.08	Reaction
32.03.05	Ready-mixed concrete
28.14.04	Reagents
70.11.04	Recapping, tire
35.01.03	Reciprocating engines
36.05.03.02	Recorders, tape
36.05.04	Recorders and players, video, home
36.05.06.01	Records, phonograph
36.10.03.03	Rectifiers
36.02.06	Rectifying apparatus
95.01.12	Reduction
29.02.01.06	Refinery gas
95.01.09	Refining
29.01	Refining, petroleum
01.04.03.03	Reforestation
32.06.03	Refractories, clay
32.09.05	Refractories, non-clay
35.09.01	Refrigeration equipment
70.12.01.02	Refrigeration repair
36.03.02	Refrigerators, household
29.04.03	Refuse-derived fuels
34.03.05	Registers, heating and air conditioning
36.01.02.04	Regulators, power
34.03.07	Reinforcing bar, concrete
36.01.03.07	Relays, control circuit
28.08.03.03	Removers, paint and varnish
70.12	Repair services (except auto)
28.10.02.09	Repellents, animal
28.10.02.11	Repellents, insect
39.09.14	Respiratory protection equipment
26.05.02.04	Reproduction papers
29.02.01.05	Residual fuel oils
28.09.02	Resin materials, thermoplastic
28.09.01	Resin materials, thermosetting
36.10.05	Resistors
38.04.01.03	Respirators
80.02.01.04	Rest room cleaning
25.05	Restaurant furniture
95.01.15	Retorting
39.07.04	Ribbons, inked
01.01.01.02	Rice
34.07.03	Rifles
34.04.02	Rivets

29.02.07	Road oils
29.05.01.02	Road materials, bituminous
23.01.01.02.02	Robes, men´s
23.01.02.02.04	Robes, women´s
10.05	Rock
10.04.11	Rock salt
37.06.02	Rocket engines
34.07.04	Rocket projectors
28.10.02.04	Rodenticides
30.02.02	Rods, plastics
95.02.18	Rolling
35.04.05	Rolling mill machinery
30.01.09	Rolls, rubber coated
34.03.04	Roof drainage equipment
32.09.02.06.01	Roof tiles
32.09.02.04	Roofing, asphalt
34.03.04	Roofing, metal
26.04.07	Roofing board
15.03.10	Roofing installation
01.01.04	Roots
28.03.01.03	Rosin, wood
37.03.02.02	Rowboats
28.09.03.05	Rubber, natural
30.01.01	Rubber, reclaimed
28.13.02.02.01	Rubber adhesives
30.01.12	Rubber bands
30.01.11	Rubber boats
30.01.03.01	Rubber boots
30.01.12	Rubber brushes
28.14.14	Rubber chemicals
30.01.03.03	Rubber clothing
30.01.10	Rubber coated fabrics
30.01.09	Rubber covered rolls
30.01.13	Rubber dipped goods
30.01.07	Rubber druggist and medical sundries
30.01.03.01	Rubber footwear
30.01.03.03	Rubber gloves, industrial
30.01.03.02	Rubber heels and soles
30.01.09	Rubber linings
30.01.08	Rubber mechanical goods
30.01	Rubber products
30.01.09	Rubber sheet
39.07.03	Rubber stamps
30.01.12	Rubber stationery sundries
30.01.14	Rubber wire and cable coverings
30.01.15	Rubber-based formulated products
28.09.03.07	Rubbers, chlorinated
28.01.05.01	Rubidium
28.01.05.02	Rubidium compounds
23.02.01	Rugs
28.14.06	Rust removers
01.01.01.04	Rye

26.05.03	Sacks, paper
31.03.04	Saddles
34.08.08	Safes
39.09.14	Safety equipment, personal industrial
37.03.02.02	Sailboats
01.06.01.01	Salmon
28.01.04	Salts, simple
10.05.08	Sand
35.07.03	Sanders
32.09.01.03	Sandpaper
10.05.06	Sandstone
26.05.06.01	Sanitary napkins
26.05.06	Sanitary paper products
34.05.01	Sanitary ware, metal
28.07.03.02	Sanitation goods
34.03.02	Sash, metal
40.02.03	Satellite communications
36.06.02.05	Satellite-borne communications systems
24.02.07	Sawdust
24.01.01	Sawlogs
35.07.02	Saws
28.01.05.28	Scandium and its compounds
25.03	School desks
70.15	School services
39.06.01.03	Science kits
34.06.01.02	Scissors
35.03.01	Scrapers
34.08.04	Screening
35.03.02	Screening, crushing, and pulverizing machinery
38.06.02	Screens, motion picture
34.04.01	Screw machine products
34.06.02	Screwdrivers
34.04.02	Screws
39.06.03.03	Sculpting and modeling materials
28.08.03.01	Sealants
35.06.09	Seals
36.07.02	Search and detection apparatus
23.03.01	Seat covers, vehicle
30.01.05	Seat cushions
01.06.01.03	Seaweed
28.01.05.33	Selenium and its compounds
36.10.03	Semiconductors
38.06.04	Sensitized plates
35.08	Service machinery
70	Services
35.08.05	Sewage purification equipment
40.06.02.02.01	Sewage treatment
32.06.04	Sewerpipe, clay
36.03.06	Sewing machines
36.04.04	Shades, lamp
25.08	Shades, window
24.02.06	Shakes

29.04.01	Shale oil
36.03.04	Shavers
34.06.01.02	Shears
01.02.01.03	Sheep
30.01.09	Sheet, rubber
34.03.04	Sheet metal work, fabricated
15.03.11	Sheet metal work, installation
30.02.01	Sheeting, plastics
23.02.03.02	Sheets, bed
28.08	Shellacs
01.06.01.02	Shellfish
25.06	Shelving
26.04.07	Shingles, asphalt
24.02.06	Shingles, wood
37.03.01	Ship building and repairing
34.01.02	Shipping barrels, metal
23.01.01.01.06	Shirts, men´s dress
23.01.01.01.07	Shirts, men´s work
23.01.02.01.05	Shirts, women´s
31.02	Shoe leather
28.07.03.01.03	Shoe polishes
70.03	Shoe repair
70.03	Shoe shining
31.03.01	Shoes
34.07.03	Shotguns
35.03.01	Shovel loaders
34.06.02	Shovels
35.03.01	Shovels, power
34.03.04	Siding, metal
24.02.04	Siding, wood
36.06.02.03	Signal systems
39.09.02	Signs
01.01.11	Silage
10.05.08	Silica
28.01.10	Silicon
28.01.10	Silicon compounds, inorganic
28.09.01.08	Silicone resins
33.02.11	Silver
28.01.05.20	Silver compounds
10.01.06	Silver ore
39.02	Silverware
34.05.01	Sinks, metal
32.07.01	Sinks, vitreous
70.13.05	Skating rinks
23.01.03.01.03	Skirts, girls´
23.01.02.01.04	Skirts, women´s
39.05.08	Skis
23.01.01.01.03	Slacks, men´s
23.01.02.01.06	Slacks, women´s
32.09.03	Slag, crushed or ground
10.05.09	Slags, mining
10.05.06	Slate

23.03.04	Sleeping bags
38.06.01.04	Slide projectors
23.02.05	Slip covers
23.01.02.02.03	Slips
40.06.02.02.02	Sludge treatment (sludge from water treatment)
95.01.10	Smelting
36.06.02.03	Smoke alarms
39.09.11	Smoking accessories
34.06.01.02	Snips
37.07.03	Snowmobiles
28.07.01.01	Soaps, household
28.07.02.01	Soaps, nonhousehold
28.07.01.01.01	Soaps, toilet
70.16	Social services
23.01.01.02.03	Socks, men´s
10.04.12	Soda ash
33.02.12	Sodium
28.01.01.03	Sodium bicarbonate
28.01.01.03	Sodium carbonate
10.04.12	Sodium carbonate minerals
28.01.04	Sodium compounds, inorganic
28.01.01.02	Sodium hydroxide
25.01.01	Sofas
28.07.03.04.01	Softeners, fabric
35.08.05	Softeners, water
28.14.08	Soil retardants
36.10.03.06	Solar cells
36.01.01.06	Solar electric generating equipment
34.05.03.05	Solar heating equipment
34.09.03	Soldering
30.01.03.02	Soles, rubber
10.02	Solid fuels
29.04.03	Solid waste fuels
40.06.03	Solid waste treatment
29.01.01.02	Solvent extraction
28.14.06	Solvents, degreasing
28.14.20.02	Solvents, except petroleum
29.02.05	Solvents, petroleum
36.07.02	Sonar
01.01.01.04	Sorghum
36.05.03.03	Sound systems, commercial
20.03.03.01	Soybean oil
01.01.02.01	Soybeans
37.06.01	Space vehicles
28.08.03.02	Spackling compounds
28.09.04.08	Spandex fibers
36.11.04	Spark plugs
36.05.03.03	Speakers
35.06.05	Speed changers
38.02.03	Speedometers
20.03.02.01	Sperm oil
30.01.05	Sponge rubber goods

30.02.11	Sponges, plastics
39.02.02	Spoons
39.05	Sporting goods
70.13.02	Sports, spectator
70.13.03	Sports, individual
23.01.01.01.11	Sportswear, men´s
23.01.02.01.10	Sportswear, women´s
34.08.01	Springs, steel
34.08.03	Springs, wire
40.06.01.01	Stack gas cleaning
35.03.05.04	Stackers
39.02	Stainless steel ware
28.08	Stains
24.01.03	Stakes
39.07.03	Stamp pads
95.02.10	Stamping
34.02.04	Stampings, metal
26.05.01.01	Stamps
39.07.03	Stamps, rubber
28.07.03.04.02	Starch, laundry
36.11.04	Starting motors
26.05.02.02	Stationery
30.01.12	Stationery sundries, rubber
34.03.03	Steam condensers
35.01.02	Steam engines
33.01.03	Steel
34.08.08	Steel boxes
33.01.05.03	Steel castings
33.01.03.03	Steel finished shapes
34.02.01	Steel forgings
33.01.03.01	Steel ingots
34.03.03	Steel plate, fabricated
34.08.01	Steel springs
32.09.01.04	Steel wool
33.01.03.02	Steelmaking processes
39.07.03	Stencils
36.05.03	Stereophonic equipment, home
27.02.05	Stereotyping
38.04.01.04	Sterilizers
10.05	Stone
32.08	Stone products
15.03.04	Stonework
40.01.03.02	Storage
34.05.03.04	Stoves, domestic
35.06.08	Strainers
34.08.08	Strappings, metal
01.01.07.01	Strawberries
36.04.07	Street lights
28.01.05.05	Strontium and its compounds
30.02.08.06	Structural accessories, plastics
24.03.02	Structural members, laminated wood
34.03.01	Structural metal, fabricated

15.03.13	Structural steel erection
24.02.01	Structural timber
34.03.05	Studs, metal
10.02.02	Subbituminous coal
01.01.03.01	Sugar beets
01.01.03.02	Sugar cane
23.01.01.01.01	Suits, men´s
23.01.02.01.02	Suits, women´s
28.01.03.08	Sulfamic acid
28.02.02.15	Sulfides, organic
28.02.02.16	Sulfonic acids and their salts
28.02.02.16	Sulfonyl halides
10.04.14.03	Sulfur
28.01.07	Sulfur compounds, inorganic
28.01.02.10	Sulfur dioxide
28.01.03.01	Sulfuric acid
28.05	Surface active agents
28.05	Surfactants
38.04.02.01	Surgical dressings and sutures
38.04.01.01	Surgical instruments
38.04.02.01	Surgical supplies
38.01.03	Surveying instruments
38.04.01.01	Suture needles
23.01.01.01.08	Sweaters, men´s
23.01.02.01.07	Sweaters, women´s
28.07.03.03.07	Sweeping compounds
01.01.05.04	Sweet corn
01.01.04.02	Sweet potatoes
29.01.01.04	Sweetening processes
23.01.01.01.10	Swimsuits, men´s
23.01.02.01.09	Swimsuits, women´s
36.01.03	Switchboard apparatus
36.01.03.03	Switches, power
36.04.02	Switches, wiring device
36.01.03.01	Switchgear
29.03.01.01.01	Synthesis gas
29.04	Synthetic fuels, except from coal
29.03.01.02	Synthetic liquid fuels from coal
23.02.05	Table cloths
39.06.03.01	Tables, drawing
25.01.03	Tables, household
25.02	Tables, office
26.05.02.03	Tablets
30.02.09	Tableware, plastics
37.01.01.05	Tactical vehicles
10.04.13	Talc
26.01.11.02	Tall oil, pulp mill
20.03.01.01	Tallow
26.05.06.01	Tampons
37.01.01.05	Tanks
34.03.03	Tanks, metal
24.05.03	Tanks, wood

31.01	Tanning
28.14.10	Tanning chemicals
28.03.02.02	Tanning mixtures
33.02.13	Tantalum
28.01.05.13	Tantalum compounds
26.05.02.06	Tape, adding machine
38.04.02.01	Tape, adhesive and surgical
36.05.06.02	Tape, audio and video
34.08.05.14	Tape, foil
30.02.15	Tape, plastics
36.05.03.02	Tape recorders and tape players
26.04.07	Tar paper
29.05	Tar products
10.02.05	Tar sands
29.04.02	Tar sands fuels
28.03.01.03	Tars, wood
39.02.01	Teapots
40.02.01	Telecommunications
36.06.01.03	Telegraph apparatus
36.06.01	Telephone apparatus
40.02.02	Television broadcasting
36.06.02	Television communication equipment
70.12.01.01	Television repair
36.05.02	Television sets
28.01.05.34	Tellurium and its compounds
38.02.01	Temperature controls
39.05.05	Tennis equipment
23.03.03	Tents
38.02.04	Test equipment
23.03.02	Textile bags
22.03.01.01	Textile bleaching
28.14.08	Textile chemicals
22.03.02	Textile coating
22.03.01.02	Textile dyeing
22.03.01	Textile finishing
23.02	Textile furnishings
22.02	Textile padding
22	Textiles
32.09.02.03	Textiles, asbestos
28.01.05.27	Thallium and its compounds
38.04.01.03	Therapeutic equipment
29.01.04.01	Thermal cracking
29.01.04.02	Thermal reforming
28.09.02	Thermoplastic plastics and resin materials
28.09.01	Thermosetting plastics and resin materials
28.08.03.04	Thinners
28.02.02.15	Thioethers
28.02.02.14	Thiols
28.01.05.38	Thorium and its compounds
10.01.11.02	Thorium ore
22.02	Thread
32.06.02	Tile, ceramic

32.06.01	Tile, clay
32.09.02.02	Tiles, floor, asphalt and vinyl asbestos
32.09.02.06.01	Tiles, roof, asbestos-cement
30.01.06	Tiles, rubber
24.02.01	Timber, structural
24.01.02	Timbers, round
33.02.13	Tin
28.01.05.36	Tin compounds
22.01.01.05.01	Tire cord and fabric, cotton
22.01.05.05.01	Tire cord and fabric, fiber blends
22.01.04.05.01	Tire cord and fabric, man-made fibers
70.11.04	Tire recapping and retreading
30.01.02	Tire sundries
30.01.02	Tires
26.05.06.04	Tissue, facial
26.05.06.03	Tissue, toilet
26.02.05	Tissue paper stock
33.02.13	Titanium
28.01.05.08	Titanium compounds
10.01.10	Titanium ore
28.04.03.01	Titanium pigments
36.03.04	Toasters
01.01.10	Tobacco
21	Tobacco products
28.07.04	Toilet preparations
28.07.01.01.01	Toilet soaps
26.05.06.03	Toilet tissue
34.05.01	Toilets, metal
32.07.01	Toilets, vitreous
39.02.01	Toiletware
01.01.05.03	Tomatoes
25.05	Tool stands
34.06.02	Tools, hand and edge
35.04	Tools, machine
35.07	Tools, power-driven, hand
26.02.05.02	Towelling stock
23.02.04	Towels
26.05.07	Towels, paper
39.04	Toys
35.03.01	Tractors, construction
35.02.01	Tractors, farm
35.03.05.04	Tractors, industrial
28.08.01	Trade sales finishes
37.07.02	Trail bikes
37.07.03	Trailers, boat
37.07.01	Trailers, travel
37.04	Trains
36.01.02	Transformers
36.10.03.02	Transistors
40.01.02	Transit, passenger
37.04.03	Transit cars
30.01.04.02	Transmission belts, rubber, power

29.02.06.02	Transmission oils
40.01	Transportation
37	Transportation equipment
28.01.05.40	Transuranic elements and their compounds
01.06.03	Trapping
10.05.05	Traprock
40.06.03	Trash
37.07.01	Travel trailers
26.05.01	Treated paper products
01.01.08	Tree nuts
01.04.02	Tree seed
01.05.02	Tree services
39.04.03	Tricycles
34.03.02	Trim, metal
30.02.08.06	Trim, plastics
34.06.01.02	Trimmers
37.04.03	Trolley buses
23.01.01.01.03	Trousers
40.01.03.01	Trucking
37.01.01.02	Trucks
35.03.05.04	Trucks, industrial
35.03.01	Trucks, off-highway
32.01.05.02	Tube blanks, electronic
26.03.04	Tube stock, fiber
01.01.04	Tubers
36.10.02	Tubes, cathode ray
34.08.08	Tubes, collapsible
36.10.01	Tubes, electron
30.01.02	Tubes, inner
30.02.02	Tubes, plastics
34.08.02.06	Tubing and hose fittings and assemblies
36.05.03.03	Tuners
10.01.01.04	Tungsten ore
15.03.15	Tunneling
35.01.01	Turbines
01.02.03.02	Turkeys
36.05.03.03	Turntables
28.03.01.01	Turpentine, except from pulp mills
26.01.11.01	Turpentine, pulp mill
01.06.01.03	Turtles
22.02	Twine
27.02.03	Typesetting
26.05.02.04	Typewriter paper
39.07.04	Typewriter ribbons
36.08.03	Typewriters
39.09.08	Umbrellas
28.08	Undercoats
10.07.02.02	Underground mining
23.01.01.02.01	Underwear, men's
23.01.02.02	Underwear, women's
34.08.02.05	Unions, metal
28.07.03.03.05	Upholstery cleaning preparations

31.03.05	Upholstery leather
22.02	Upholstery products
29.06.02	Uranium, enriched
28.01.05.39	Uranium and its compounds
10.01.11.01	Uranium ore
29.06.01	Uranium oxide
28.01.06.02	Urea
28.09.01.09	Urea-formaldehyde resins
40.03	Utilities, electric power
40.04	Utilities, gas
39.09.15	Vacuum bottles
36.03.05	Vacuum cleaners
35.06.03	Vacuum pumps
34.08.02.07	Valves, air ventilating
34.08.02.01	Valves, automatic regulating and control
34.08.02	Valves, metal
34.08.02.03	Valves, plumbing and heating
34.08.02.02	Valves, pneumatic and hydraulic
33.02.13	Vanadium
28.01.05.11	Vanadium compounds
10.01.01.08	Vanadium ore
28.08.03.07	Varnish driers
28.08.03.03	Varnish removers
28.08	Varnishes
32.07.04	Vases, ceramic
24.05.03	Vats, wood
34.08.08	Vaults
20.03.03	Vegetable oils
01.01.05	Vegetables
30.01.08.01	Vehicle parts, rubber
23.03.01	Vehicle seat covers
37	Vehicles
39.04.03	Vehicles, children's
37.01.01.05	Vehicles, combat
37.07.02	Vehicles, off-road
36.04.08	Vehicular lighting equipment
35.08.01	Vending machines
24.03.01	Veneer, wood
24.01.01	Veneer logs
34.08.02.07	Ventilating valves, air
32.09.03	Vermiculite
34.03.03	Vessels, metal
28.06.02	Veterinary drugs
01.03.01	Veterinary services
36.05.06.03	Video discs
36.05.04	Video home recorders and players
36.05.06.02	Video tape
32.09.02.02	Vinyl asbestos floor tile
28.09.02.10	Vinyl resins
28.09.04.09	Vinyon fibers
34.02.04	Vitreous enameled products, stamped and pressed
28.14.03	Vitreous enamels

32.07.01	Vitreous plumbing fixtures
10.05.09	Volcanic cinders
39.05.08	Wading pools
35.03.05.01	Walkways, moving
30.02.08.03	Wall coverings, plastics
30.01.06	Wall coverings, rubber
32.09.02.06.02	Wallboard, asbestos-cement
26.04.01	Wallboard facings
31.03.03.02	Wallets
26.05.09	Wallpaper
26.02.04	Wallpaper stock
01.01.08	Walnuts
40.01.03.02	Warehousing
35.09.03	Warm air heating equipment
23.02.04	Washcloths
34.04.02	Washers
36.03.08	Waste disposers
40.06.02	Waste treatment, liquid
40.06.03	Waste treatment, solid
29.06.08	Wastes, nuclear
70.12.06	Watch repair
38.07	Watches
28.01.12.03	Water
29.06.04	Water, heavy
30.01.07	Water bottles
36.03.08	Water heaters
35.08.05	Water softeners
40.05	Water supply
40.01.04	Water transportation
28.14.05	Water treatment chemicals
35.03.04	Water well drilling machinery
01.01.06	Watermelon
28.07.03.01.01	Waxes, automobile
80.02.01.02	Waxing, floor
34.07	Weapons
70.12.03.01	Welding (in machinery repair)
34.09.03	Welding (in metal fabrication)
35.04.06	Welding and cutting apparatus, gas
36.02.03	Welding apparatus, electric
30.02.08.06	Weldings, plastics
10.07.03.01	Well drilling, oil and gas
15.03.16	Well drilling, water
35.03.03	Well drilling machinery, oil and gas
35.03.04	Well drilling machinery, water
10.07.03.02	Well operation, oil and gas
26.04.03	Wet machine board
01.01.01.01	Wheat
38.04.02.02	Wheel chairs
37.07.03	Wheelbarrows
28.04.03.03	White opaque pigments
38.06.03	White printing equipment
28.04.03.04	Whiting

39.09.13	Wigs
39.03.02	Wind instruments
25.08	Window blinds
80.02.01.01	Window cleaning
28.07.03.03.01	Window cleaning preparations
34.03.02	Window frames, metal
30.02.08.06	Window frames, plastics
34.06.03.02	Window hardware
25.08	Window shades
24.04	Window units, wood
33.02.02.03.01	Wire, aluminum
33.02.01.03.01	Wire, copper
33.01.03.03.05	Wire, steel
30.02.14	Wire and cable coverings, plastics
34.08.04	Wire cables
30.01.14	Wire coverings, rubber
34.08.04	Wire products, fabricated
34.08.03	Wire springs
35.04.06	Wire weaving and fabricating machines
36.04.02	Wiring devices, current-carrying
36.04.03	Wiring devices, noncurrent-carrying
36.04	Wiring equipment, electric
23.01.02	Women's apparel
24.01.03	Wood, roughhewn
24.01.03	Wood, split
28.03	Wood chemicals
24.05	Wood containers
24.04	Wood doors
28.08.03.02	Wood fillers
24.02.04	Wood flooring
24.04	Wood frames
24.11	Wood fuels
24.04	Wood furniture parts
24.02.05	Wood molding
24.09	Wood panels, prefinished
24.04	Wood parts, fabricated
24.06	Wood preserving
24	Wood products
26.01	Wood pulp
28.03.01.03	Wood rosin
24.02.06	Wood shingles
24.02.04	Wood siding
24.02	Wood stock
24.07	Wood structures, prefabricated
28.03.01.03	Wood tars
24.12	Woodenware, kitchen and household
39.06.02.06	Woodworking supplies
01.02.01.04	Wool
32.01.03.02	Wool, glass
32.09.04	Wool, mineral
22.01.02	Wool yarn and fabrics
36.08.03	Word processors

25.05	Work benches
27.01.07	Wrappers, printed
26.05.08	Wrapping products, paper
34.06.02	Wrenches
26.02.02	Writing papers
36.11.03	X-ray apparatus
38.06.08	X-ray film
22.01	Yarn
29.06.01	Yellowcake
28.01.05.28	Ytterbium and its compounds
33.02.04.01	Zinc, primary
33.02.04.02	Zinc, secondary
28.01.05.22	Zinc compounds
33.02.04.03	Zinc finished and semifinished shapes
33.02.04.03.01	Zinc galvanized shapes
10.01.04	Zinc ore
33.02.13	Zirconium
28.01.05.09	Zirconium compounds
70.17	Zoological gardens